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MONTHLY

CLIMATIC

DATA

FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration and is compiled from information received at the National Climatic Data Center, Asheville, North Carolina 28801."

Director
National Climatic Data Center

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National
Climatic Data Center
Asheville, North Carolina

PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). National Center for Environmental Prediction (NCEP) and the Hadley Centre for Prediction and Research Meteorological Office, Bracknell, United Kingdom prepares and relays data to National Climatic Data Center for quality control, publication, and archive. Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session [Stockholm 1965] of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration. Bolded stations are stations that participate in the GCOS Program.

REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = C, degrees = °, geopotential meters = gpm, meters = m, hectopascals = hPa, millimeters = mm, minutes = ', percent = %.

The long term surface data AVERAGES required for these tables were calculated for 1961 - 1990 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the AVERAGES for that month. Precipitation departure of "T" or "-T" indicates a difference less than 0.5 mm from AVERAGE.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (T) stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

Included in this publication, on an interim basis, are a group of Antarctic and USA stations that are not in WMO No. 9. These stations will be sponsored as CLIMAT and/or CLIMAT TEMP stations in the near future.

SURFACE DATA TABLES

DAY OBS.: The number of days on which observations were taken. Column will be blank if days are not reported.

PRESSURE: Mean station pressure at station level and sea level in tenths of hPa. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 hPa or 700 hPa pressure surface, respectively.

TEMPERATURE: Mean temperature and departure from AVERAGE value in degrees C. "S" indicates sea surface temperature.

DAY 1 MM: The number of days on which precipitation was 1 mm or more.

PRECIPITATION: Total precipitation and departure from AVERAGE in mm. "T" indicates an amount less than 0.5 mm.

QUINTILE: Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1961 - 1990 reference period.

% OF AV.: Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1961-90.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

UPPER AIR DATA TABLES

HEIGHT: Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.

VECTOR WIND: Direction of mean vector wind in degrees, speed in mps. A wind speed value of 0 is a speed < 0.5 mps. When missing days equals 9, nine or more days of wind data are missing.

STEADINESS: Ratio of mean vector wind speed to mean scalar wind speed.

OB: Observation time code; 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, / = other hours.

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Rocket Center, WV 26726**

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|----------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| EUROPE | | | | | | | | | | | | | | | | | |
| NORWAY | | | | | | | | | | | | | | | | | |
| 01001 JAN MAYEN | 7056N | 00840W | 10 | 1009.0 | 1010.2 | 5.4 | 1.2 | 8.3 | .9 | 10 | 71 | 24 | 5 | | | | |
| 01008 SVALBARD LUFTHAVN | 7815N | 01528E | 29 | 1006.0 | 1009.2 | 7.5 | 1.7 | 8.2 | 1.1 | 11 | 20 | 2 | 4 | | | | |
| 01025 TROMSO/LANGNES | 6941N | 01855E | 10 | 1014.1 | 1015.1 | 10.7 | -1.1 | 10.2 | -.3 | 13 | 77 | 4 | 3 | | | | |
| 01026 TROMSO | 6939N | 01856E | 115 | 1001.2 | 1015.0 | 10.9 | | 10.3 | | 15 | 109 | | 5 | 171 | 83 | | |
| 01028 BJORNOYA | 7431N | 01901E | 16 | 1009.0 | 1011.0 | 6.6 | 2.2 | 8.9 | 1.0 | 9 | 44 | 14 | 5 | | | | |
| 01098 VARDØ | 7022N | 03106E | 15 | 1012.0 | 1013.8 | 9.6 | .4 | 10.1 | -.1 | 17 | 93 | 44 | 5 | | | | |
| 01152 BODO VI | 6716N | 01422E | 13 | 1015.0 | 1016.6 | 12.7 | .2 | 12.0 | .5 | 12 | 63 | -29 | 2 | 167 | 97 | | |
| 01212 ONA II | 6252N | 00632E | 15 | 1016.1 | 1017.7 | 14.6 | | 13.8 | | 11 | 41 | | 2 | | | | |
| 01238 FOKSTUA II | 6207N | 00917E | 974 | 906.7 | 1016.4 | 12.9 | | 10.3 | | 11 | 70 | | 3 | | | | |
| 01241 ORLAND III | 6342N | 00936E | 7 | 1016.1 | 1017.3 | 14.8 | 2.1 | 13.6 | 1.2 | 10 | 72 | -13 | 2 | | | | |
| 01317 BERGEN/FLORIDA | 6023N | 00520E | 36 | 1014.0 | 1018.2 | 17.5 | 3.0 | 14.8 | 2.4 | 11 | 181 | 33 | 4 | | | | |
| 01384 OSLO/GARDERMOEN | 6012N | 01105E | 204 | 993.4 | 1017.2 | 18.8 | 3.6 | 14.3 | 2.8 | 8 | 50 | -29 | 1 | | | | |
| 01403 UTSIRA FYR | 5918N | 00453E | 56 | 1012.0 | 1018.6 | 16.4 | | 15.8 | | | | | | | | | |
| 01415 STAVANGER/SOLA | 5853N | 00538E | 9 | 1017.8 | 1018.9 | 17.5 | 3.3 | 15.0 | 2.3 | 6 | 50 | -41 | 2 | | | | |
| 01465 TORUNGEN FYR | 5824N | 00848E | 15 | 1017.1 | 1018.5 | 18.8 | | 18.6 | | 3 | 26 | | 2 | | | | |
| SWEDEN | | | | | | | | | | | | | | | | | |
| 02080 KARESUANDO | 6827N | 02227E | 331 | 974.8 | 1013.8 | 13.4 | .6 | 10.2 | -.7 | 8 | 57 | -18 | 4 | 329 | 135 | | |
| 02120 KVIKKJOKK-ARRENJARKA | 6653N | 01801E | 320 | 977.6 | 1014.6 | 14.3 | | 10.0 | | 4 | 30 | | 0 | | | | |
| 02128 GUNNARN | 6500N | 01742E | 283 | 983.3 | 1016.5 | 15.3 | .8 | 12.1 | 1.0 | 10 | 49 | -36 | 1 | | | | |
| 02196 HAPARANDA | 6550N | 02409E | 6 | 1014.5 | 1015.3 | 15.7 | .3 | | | 6 | 18 | -31 | 1 | 400 | 132 | | |
| 02226 OSTERSUND FROSÖN | 6312N | 01430E | 376 | 972.8 | 1016.5 | 15.9 | 2.5 | 12.2 | 1.2 | 9 | 37 | -39 | 1 | 294 | 129 | | |
| 02288 HOLMOGÅDD | 6336N | 02045E | 6 | 1015.5 | 1016.4 | 15.9 | | 14.9 | | 2 | 12 | | 1 | 374 | 130 | | |
| 02366 TIMRA/MIDLÄNDA | 6231N | 01727E | 8 | 1016.6 | 1017.2 | 16.6 | 1.3 | 14.0 | 1.6 | 4 | 19 | -43 | 1 | | | | |
| 02410 MALUNG | 6041N | 01342E | 308 | 981.8 | 1017.6 | 17.4 | | 14.1 | | 8 | 60 | | 2 | | | | |
| 02418 KARLSTAD FLYGPLATS | 5927N | 01320E | 107 | 1005.3 | 1017.9 | 20.1 | 4.0 | 14.9 | 1.6 | 4 | 32 | -30 | 1 | 337 | 128 | | |
| 02485 STOCKHOLM | 5921N | 01804E | 52 | 1012.3 | 1018.5 | 20.8 | 3.6 | 14.7 | 1.2 | 4 | 32 | -40 | 2 | 355 | 137 | | |
| 02512 GOTEBORG/SAVE | 5747N | 01153E | 20 | 1017.2 | 1019.4 | 19.4 | 3.2 | 18.6 | 4.7 | 5 | 45 | -23 | 1 | 347 | 143 | | |
| 02550 JONKOPING/AXAMÖ | 5745N | 01405E | 224 | 992.4 | 1018.7 | 18.9 | 3.9 | 14.8 | 2.4 | 4 | 21 | | 1 | | | | |
| 02584 GOTSKA SANDÖN | 5824N | 01912E | 12 | 1017.9 | 1019.3 | 19.2 | | 16.9 | | 2 | 9 | | 1 | | | | |
| 02590 VISBY | 5740N | 01821E | 51 | 1013.1 | 1018.9 | 20.2 | 3.9 | 15.6 | 1.2 | 1 | 70 | 20 | 4 | 380 | 134 | | |
| FINLAND | | | | | | | | | | | | | | | | | |
| 02801 KILPISJÄRVI | 6903N | 02047E | 478 | 955.6 | 1014.8 | 11.1 | | 9.9 | | 7 | 63 | | 3 | | | | |
| 02805 KEVO | 6945N | 02702E | 107 | 1001.2 | 1013.8 | 12.3 | | 10.8 | | 14 | 57 | | 2 | 151 | 60 | | |
| 02836 SODANKYLÄ | 6722N | 02639E | 179 | 992.0 | 1014.4 | 14.5 | .4 | 10.1 | | 7 | 34 | -31 | 1 | 278 | 102 | | |
| 02869 KUUSAMO | 6558N | 02911E | 263 | 982.0 | 1015.0 | 14.6 | .4 | 10.8 | | 6 | 36 | -37 | 1 | | | | |
| 02875 OULU | 6456N | 02522E | 15 | 1013.9 | 1015.8 | 16.3 | .3 | 11.9 | | 0 | 0 | -57 | 0 | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 02897 KAJAANI | 6417N | 02741E | 143 | | 999.2 | 1016.0 | 16.4 | .8 | 11.4 | | 5 | 17 | -51 | 0 | | |
| 02929 JOENSUU | 6240N | 02938E | 119 | | 1001.3 | 1016.2 | 17.4 | 1.0 | 11.9 | | 6 | 28 | -47 | 1 | | |
| 02935 JYVASKYLA | 6224N | 02541E | 145 | | 999.5 | 1017.0 | 17.0 | 1.3 | 11.3 | | 2 | 4 | -74 | 0 | 386 | 151 |
| 02942 NIINISALO | 6151N | 02228E | 136 | | 1002.0 | 1017.6 | 17.5 | 1.8 | 12.5 | | 4 | 19 | -52 | 1 | | |
| 02963 JOKIOINEN | 6049N | 02330E | 104 | | 1004.9 | 1017.9 | 18.1 | 2.3 | 12.0 | | 4 | 23 | -57 | 1 | 336 | 136 |
| 02972 TURKU | 6031N | 02216E | 59 | | 1011.2 | 1018.6 | 18.1 | 1.6 | 13.5 | | 0 | 0 | -78 | 0 | | |
| 02974 HELSINKI-VANTAA | 6019N | 02458E | 56 | | 1010.9 | 1018.0 | 19.1 | 2.5 | 12.7 | | 1 | 4 | -69 | 0 | 400 | 145 |
| UNITED KINGDOM | | | | | | | | | | | | | | | | |
| 03005 LERWICK | 6008N | 00111W | 84 | | 1006.3 | 1016.1 | 13.7 | 2.3 | 13.9 | | 16 | 69 | 7 | 4 | 146 | 119 |
| 03026 STORNOWAY AIRPORT | 5813N | 00619W | 15 | | 1013.1 | 1014.9 | 15.3 | 2.6 | 14.4 | | 10 | 57 | -16 | 2 | 132 | 103 |
| 03066 KINLOSS | 5739N | 00334W | 7 | | 1015.3 | 1016.1 | 17.4 | 3.2 | 14.3 | | 7 | 34 | -21 | 2 | 190 | 129 |
| 03091 DYCE | 5712N | 00213W | 69 | | 1009.2 | 1017.0 | 16.9 | 3.1 | 14.3 | | 4 | 18 | -42 | 1 | 176 | 112 |
| 03100 TIREE | 5630N | 00653W | 12 | | 1014.1 | 1015.9 | 15.1 | 1.8 | 14.7 | | 15 | 82 | 3 | 4 | 168 | 106 |
| 03162 ESKDALEMUIR | 5519N | 00312W | 242 | | 989.4 | 1018.1 | 16.5 | 3.3 | 14.1 | | 11 | 81 | -17 | 2 | 200 | 133 |
| 03257 LEEMING | 5418N | 00132W | 40 | | 1013.9 | 1018.4 | 18.8 | 3.3 | 14.5 | | 8 | 21 | -29 | 1 | 275 | 169 |
| 03302 VALLEY | 5315N | 00432W | 11 | | 1016.5 | 1017.9 | 17.9 | 2.6 | 15.4 | | 3 | 11 | -42 | 1 | 278 | 141 |
| 03377 WADDINGTON | 5310N | 00031W | 70 | | 1010.1 | 1018.7 | 20.0 | 4.2 | 15.1 | | 9 | 50 | -3 | 4 | 305 | 164 |
| 03502 ABERPORTH | 5208N | 00434W | 134 | | 1002.6 | 1018.5 | 17.3 | 2.6 | 15.3 | | 6 | 33 | -17 | 2 | 227 | 120 |
| 03740 LYNEHAM | 5130N | 00159W | 147 | | 1001.6 | 1018.9 | 19.8 | 3.8 | 15.2 | | 8 | 92 | 37 | 5 | 316 | 154 |
| 03797 MANSTON | 5121N | 00120E | 54 | | 1013.2 | 1019.1 | 20.4 | 3.7 | 16.7 | | 3 | 8 | -37 | 1 | 303 | 144 |
| 03808 CAMBORNE | 5013N | 00519W | 88 | | 1008.5 | 1019.0 | 17.8 | | 16.3 | | 7 | 35 | 2 | 2 | 247 | 115 |
| 03862 HURN | 5047N | 00150W | 11 | | 1017.6 | 1018.9 | 19.4 | 3.1 | 16.1 | | 8 | 32 | -8 | 3 | 307 | 140 |
| 03917 ALDERGROVE | 5439N | 00613W | 81 | | 1009.3 | 1017.0 | 17.5 | 2.8 | 14.8 | | 10 | 90 | 26 | 5 | 220 | 150 |
| IRELAND | | | | | | | | | | | | | | | | |
| 03953 VALENTIA OBSERVATORY | 5156N | 01015W | 30 | | 1013.9 | 1017.5 | 16.6 | 1.7 | 15.6 | 1.1 | 14 | 103 | 30 | 5 | 181 | 125 |
| 03955 CORK AIRPORT | 5151N | 00829W | 162 | | 998.5 | 1017.8 | 16.4 | 1.8 | 15.1 | 1.3 | 9 | 58 | -7 | 3 | 208 | 120 |
| 03957 ROSSLARE | 5215N | 00620W | 25 | | 1015.2 | 1018.2 | 16.9 | 2.0 | 16.2 | 2.0 | 6 | 49 | -2 | 3 | 283 | 145 |
| 03962 SHANNON AIRPORT | 5242N | 00855W | 20 | | 1014.8 | 1017.2 | 17.8 | 2.3 | 14.4 | .3 | 7 | 28 | -29 | 1 | 205 | 140 |
| 03967 CASEMENT AERODROME | 5318N | 00626W | 97 | | 1006.3 | 1017.4 | 17.7 | | 14.5 | | 5 | 14 | | | 233 | 150 |
| 03969 DUBLIN AIRPORT | 5326N | 00615W | 85 | | 1007.6 | 1017.8 | 16.9 | 1.9 | 14.5 | 1.0 | 6 | 18 | -32 | 1 | 240 | 145 |
| 03973 CONNAUGHT AIRPORT | 5354N | 00849W | 209 | | 991.8 | 1016.7 | 15.8 | | 14.2 | | 14 | 53 | | | 189 | |
| 03976 BELMULLET | 5414N | 01000W | 10 | | 1014.9 | 1016.1 | 16.3 | 2.2 | 15.6 | 1.7 | 12 | 72 | 4 | 3 | 171 | 125 |
| 03980 MALIN HEAD | 5522N | 00720W | 25 | | 1013.3 | 1016.3 | 16.1 | 2.4 | 15.0 | 1.7 | 12 | 72 | 0 | 3 | 170 | 125 |
| ICELAND | | | | | | | | | | | | | | | | |
| 04018 KEFLAVIKURFLUGVOLLUR | 6358N | 02236W | 54 | | 1002.2 | 1008.1 | 10.9 | | | | 12 | 83 | 2 | | | |
| 04030 REYKJAVIK | 6408N | 02156W | 61 | | 1000.7 | 1008.1 | 11.1 | .5 | | | 13 | 43 | -8 | 1 | 177 | 104 |
| 04063 AKUREYRI | 6541N | 01805W | 27 | | 1005.1 | 1008.4 | 10.6 | .1 | | | 6 | 19 | -14 | 1 | 151 | 96 |
| 04082 AKURNES | 6418N | 01513W | 21 | | 1006.7 | 1009.2 | 11.0 | | | | 13 | 147 | 6 | | | |
| GREENLAND | | | | | | | | | | | | | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 04220 AASIAAT (EGEDESMINDE) | 6842N | 05251W | 43 | | 1008.7 | 6.5 | .8 | 8.1 | | | | 6 | 30 | 3 | | | |
| 04250 NUUK (GODTHaab) | 6410N | 05145W | 84 | | 1008.6 | 7.6 | 1.1 | 8.5 | | | | | | | | | |
| 04312 STATION NORD AWS | 8136N | 01641W | 36 | | 1008.8 | 3.1 | -.2 | 6.2 | | | | | | | | | |
| 04320 DANMARKSHAVN | 7646N | 01840W | 12 | | 1009.6 | 4.2 | .5 | 6.0 | | | | 4 | 35 | 21 | | | |
| 04339 ITTOQQORTOORMIUT (SCORESBYSU) | 7029N | 02157W | 69 | | 1009.7 | 5.6 | | 7.0 | | | | 5 | 19 | -.3 | | | |
| 04360 TASIILAQ (AMMASSALIK) | 6536N | 03738W | 52 | | 1009.2 | 6.1 | -.3 | 7.6 | | | | 6 | 26 | -.21 | | | |
| 04390 PRINS CHRISTIAN SUND | 6003N | 04310W | 88 | | 1008.8 | 6.9 | .4 | 7.6 | | | | 4 | 45 | -.86 | | | |
| DENMARK AND FAROE ISLANDS | | | | | | | | | | | | | | | | | |
| 06011 TORSHAVN | 6201N | 00646W | 61 | | 1013.0 | 11.5 | 1.2 | 12.1 | | | | 16 | 104 | 23 | | | |
| 06030 AALBORG | 5706N | 00951E | 13 | | 1019.4 | 20.1 | 4.4 | 16.7 | | | | 3 | 23 | | | | |
| 06186 KOEBENHAVN/LANDBOHOJSKOLEN | 5541N | 01233E | 7 | | 1019.9 | 21.7 | | 17.0 | | | | 4 | 26 | | | | |
| 06190 ROENNE | 5504N | 01445E | 17 | | 1020.3 | 21.4 | 4.4 | 19.5 | | | | 4 | 7 | | | | |
| NETHERLANDS | | | | | | | | | | | | | | | | | |
| 06235 DE KOOY | 5256N | 00447E | 2 | | 1019.4 | 1019.5 | 20.9 | 4.7 | 18.5 | 3.5 | 1 | 4 | -60 | 0 | 326 | 160 | |
| 06260 DE BILT | 5206N | 00511E | 4 | | 1018.8 | 1019.1 | 22.3 | 5.5 | 17.2 | 2.3 | 3 | 15 | -60 | 0 | 307 | 164 | |
| 06280 EELDE/GRONINGEN AP EELDE | 5307N | 00635E | 4 | | 1019.0 | 1019.5 | 21.4 | 5.5 | 16.8 | 1.8 | 4 | 34 | -42 | 1 | 319 | 178 | |
| 06310 VLissingen | 5127N | 00336E | 10 | | 1018.2 | 1019.2 | 22.2 | 5.3 | 18.3 | 3.1 | 5 | 15 | -53 | 1 | 324 | 160 | |
| LUXEMBOURG | | | | | | | | | | | | | | | | | |
| 06590 LUXEMBOURG/LUXEMBOURG | 4937N | 00613E | 376 | | 975.4 | 1018.3 | 23.5 | | 15.1 | | | 5 | 12 | -56 | 0 | 346 | 149 |
| SWITZERLAND & LIECHTENSTEIN | | | | | | | | | | | | | | | | | |
| 06660 ZUERICH-METEOSCHWEIZ | 4723N | 00834E | 569 | | 953.6 | 1017.7 | 22.5 | 4.9 | 16.3 | 1.6 | 6 | 47 | -71 | 1 | 313 | 149 | |
| 06680 SAENTIS | 4715N | 00921E | 2502 | | 760.9 | 3183 Z | 9.9 | 4.8 | 9.2 | 2.1 | 9 | 141 | -174 | 1 | 241 | 143 | |
| 06700 GENEVE-COINTRIN | 4615N | 00608E | 420 | | 970.5 | 1017.6 | 23.7 | 4.6 | 17.2 | 3.2 | 4 | 48 | -17 | 2 | 310 | 122 | |
| 06717 GRAND ST. BERNARD | 4552N | 00710E | 2479 | | 761.6 | 3188 Z | 11.2 | | 9.2 | | 10 | 60 | | | 246 | 110 | |
| 06770 LUGANO | 4600N | 00858E | 276 | | 986.9 | 1018.4 | 24.3 | 3.2 | 19.0 | 2.2 | 6 | 105 | -33 | 3 | 294 | 118 | |
| FRANCE | | | | | | | | | | | | | | | | | |
| 07005 ABBEVILLE | 5008N | 00150E | 77 | | 1010.2 | 1019.2 | 20.8 | | 17.8 | | 8 | 38 | | | 302 | 140 | |
| 07015 LILLE | 5034N | 00306E | 52 | | 1013.4 | 1018.9 | 22.6 | | 17.3 | | 5 | 71 | | | 321 | 150 | |
| 07020 LA HAGUE | 4943N | 00156W | 12 | | 1018.5 | 1019.3 | 17.6 | | 17.7 | | 6 | 26 | | | | | |
| 07027 CAEN | 4911N | 00027W | 67 | | 1011.2 | 1019.0 | 20.0 | 3.3 | 18.1 | | 9 | 86 | 39 | 5 | 290 | 128 | |
| 07037 ROUEN | 4923N | 00111E | 156 | | 1001.2 | 1018.9 | 21.3 | | 16.8 | | 8 | 94 | | | 286 | 145 | |
| 07070 REIMS | 4918N | 00402E | 91 | | 1008.0 | 1018.5 | 22.7 | | 18.0 | | 5 | 117 | | | 315 | 135 | |
| 07110 BREST | 4827N | 00425W | 99 | | 1007.9 | 1019.1 | 19.0 | 3.0 | 17.5 | | 14 | 85 | 39 | 5 | 223 | 97 | |
| 07117 PLOUMANAC'H PERROS GUIREC | 4850N | 00328W | 58 | | 1012.4 | 1019.3 | 18.3 | | 17.8 | | 4 | 16 | | | | | |
| 07130 RENNES | 4804N | 00144W | 43 | | 1013.7 | 1018.7 | 22.0 | | 17.2 | | 7 | 36 | | | 286 | 140 | |
| 07139 ALENCON | 4826N | 00006E | 144 | | 1001.8 | 1018.5 | 21.8 | | 16.6 | | 9 | 77 | | | 288 | 130 | |
| 07149 PARIS-ORLY | 4843N | 00223E | 90 | | 1007.9 | 1018.3 | 24.2 | | 17.1 | | 5 | 57 | | | | | |
| 07168 TROYES | 4820N | 00401E | 118 | | 1004.6 | 1018.2 | 23.8 | | 17.7 | | 6 | 83 | | 6 | 333 | 140 | |

SURFACE

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 07181 NANCY-OCHEY | 4835N | 00558E | 351 | | 978.2 | 1018.1 | 23.2 | | 16.7 | | 4 | 38 | | 6 | | |
| 07190 STRASBOURG-ENTZHEIM | 4833N | 00738E | 153 | | 1000.3 | 1018.0 | 24.2 | 5.2 | 18.8 | | 9 | 34 | -22 | 1 | 331 | 138 |
| 07207 POINTE DU TALUT | 4718N | 00310W | 43 | | 1014.0 | 1019.0 | 20.7 | | 18.6 | | 5 | 18 | | | | |
| 07222 NANTES | 4709N | 00136W | 27 | | 1015.3 | 1018.4 | 22.8 | 3.8 | 17.9 | | 8 | 61 | 15 | 4 | 270 | 102 |
| 07240 TOURS | 4727N | 00044E | 112 | | 1005.2 | 1018.1 | 23.9 | | 16.7 | | 7 | 47 | | | 299 | 125 |
| 07255 BOURGES | 4704N | 00222E | 166 | | 998.9 | 1018.0 | 24.8 | 5.6 | 17.5 | | 6 | 49 | -2 | 3 | 309 | 119 |
| 07280 DIJON | 4716N | 00505E | 227 | | 991.7 | 1017.6 | 24.7 | 5.1 | 18.2 | | 6 | 32 | -19 | 2 | 318 | 120 |
| 07299 BALE-MULHOUSE | 4736N | 00731E | 271 | | 986.8 | 1017.9 | 23.4 | | 18.5 | | 4 | 35 | | | 335 | 140 |
| 07314 CHASSIRON | 4603N | 00125W | 22 | | 1016.8 | 1019.4 | 22.1 | | 20.1 | | 8 | 31 | | | | |
| 07335 POITIERS | 4635N | 00018E | 120 | | 1004.3 | 1018.1 | 23.7 | | 17.6 | | 8 | 64 | | | 290 | 120 |
| 07434 LIMOGES | 4552N | 00111E | 402 | | 972.1 | 1017.8 | 23.2 | | 18.2 | | 6 | 54 | | | 287 | 120 |
| 07460 CLERMONT-FERRAND | 4547N | 00310E | 330 | | 980.2 | 1017.7 | 23.5 | | 18.3 | | 8 | 115 | | | 296 | 120 |
| 07471 LE PUY | 4505N | 00346E | 833 | | 925.2 | | 20.2 | | 15.9 | | 9 | 79 | | | 283 | 110 |
| 07481 LYON-SATOLAS | 4544N | 00505E | 248 | | 990.0 | 1017.3 | 25.6 | | 18.4 | | 6 | 63 | | | 315 | 110 |
| 07510 BORDEAUX MERIGNAC | 4450N | 00041W | 61 | | 1011.9 | 1018.1 | 24.7 | | 20.2 | | 9 | 46 | 0 | 3 | 243 | 100 |
| 07535 GOURDON | 4445N | 00124E | 261 | | 988.0 | 1017.8 | 24.1 | | 19.1 | | 7 | 74 | | | 295 | 115 |
| 07560 MONT AIGOUAL | 4407N | 00335E | 1567 | | 849.7 | | 17.8 | | 12.6 | | 7 | 49 | | 6 | | |
| 07577 MONTELIMAR | 4435N | 00444E | 74 | | 1008.6 | 1017.0 | 26.0 | | 20.0 | | 7 | 151 | | | 329 | 100 |
| 07591 EMBRUN | 4434N | 00630E | 876 | | 919.8 | | 22.0 | | 13.7 | | 11 | 57 | | | 280 | 95 |
| 07607 MONT-DE-MARSAN | 4355N | 00030W | 60 | | 1011.6 | 1018.5 | 24.4 | | 20.7 | | 6 | 49 | | | 234 | 105 |
| 07621 TARBES-OSSUN | 4311N | 00000W | 364 | | 976.8 | 1018.3 | 22.5 | | 18.5 | | 4 | 18 | | | 213 | 105 |
| 07627 SAINT GIRONS | 4300N | 00106E | 412 | | 971.2 | 1017.9 | 22.8 | | 19.5 | | 6 | 45 | | | 225 | 110 |
| 07630 TOULOUSE BLAGNAC | 4338N | 00122E | 154 | | 999.7 | 1017.8 | 25.7 | | 19.2 | | 6 | 34 | -7 | 3 | 273 | 110 |
| 07643 MONTPELLIER | 4335N | 00358E | 8 | | 1016.0 | 1016.9 | 27.1 | | 22.1 | | 1 | 2 | | | 330 | 95 |
| 07650 MARIGNANE | 4327N | 00514E | 32 | | 1012.8 | 1016.5 | 27.9 | | 19.6 | | 2 | 9 | -4 | 3 | 373 | 100 |
| 07661 CAP CEPET | 4305N | 00556E | 136 | | 1001.2 | 1016.7 | 26.4 | | 22.2 | | 0 | 0 | | | | |
| 07690 NICE | 4339N | 00712E | 27 | | 1013.6 | 1016.8 | 26.5 | | 21.8 | | 2 | 9 | -6 | 3 | 334 | 100 |
| 07747 PERPIGNAN | 4244N | 00252E | 47 | | 1011.6 | 1017.0 | 27.5 | | 19.9 | | 01 | 1 | -16 | 1 | 269 | 90 |
| 07761 AJACCIO | 4155N | 00848E | 9 | | 1015.5 | 1016.5 | 25.9 | | 22.2 | | 01 | 1 | -10 | 2 | 386 | 105 |
| 07790 BASTIA | 4233N | 00929E | 12 | | 1015.2 | 1016.6 | 26.4 | | 21.5 | | 2 | 33 | | | 379 | 110 |
| SPAIN | | | | | | | | | | | | | | | | |
| 08001 LA CORUNA | 4322N | 00825W | 67 | | 1010.8 | 1018.7 | 21.0 | 2.6 | 18.5 | 1.7 | 4 | 23 | -2 | 4 | 247 | 100 |
| 08015 OVIEDO | 4321N | 00552W | 339 | | 979.3 | 1018.2 | 20.5 | 2.4 | 20.0 | 3.4 | 7 | 49 | -6 | 3 | 148 | 84 |
| 08023 SANTANDER | 4329N | 00348W | 59 | | 1012.3 | 1019.2 | 22.0 | 2.7 | 21.7 | 4.2 | 4 | 98 | 47 | 5 | 228 | 108 |
| 08025 BILBAO/SONDICA | 4318N | 00254W | 42 | | 1014.4 | 1018.9 | 23.3 | | 19.9 | | 7 | 51 | | 4 | 179 | 95 |
| 08027 SAN SEBASTIAN/IGUELDO | 4318N | 00202W | 259 | | 988.6 | 1018.3 | 21.6 | 3.2 | 21.5 | 3.7 | 8 | 87 | 9 | 4 | 200 | 103 |
| 08045 VIGO/PEINADOR | 4214N | 00838W | 256 | | 988.3 | 1018.1 | 20.5 | 1.4 | 16.1 | -7 | 2 | 4 | -34 | 1 | 325 | 112 |
| 08048 ORENSE | 4220N | 00752W | 147 | | 999.7 | 1016.5 | 24.8 | | 17.5 | | 2 | 10 | | 3 | 284 | 105 |
| 08053 PONFERRADA | 4234N | 00636W | 550 | | 955.5 | 1016.8 | 23.4 | | 18.0 | | 6 | 60 | | 5 | | |
| 08055 LEON/VIRGEN DEL CAMINO | 4235N | 00539W | 916 | | 915.1 | 1014.8 | 21.9 | | 13.6 | | 5 | 20 | | 3 | 343 | 95 |
| 08075 BURGOS/VILLAFRIA | 4221N | 00338W | 890 | | 918.4 | 1563 Y | 23.1 | 4.7 | 15.4 | 1.6 | 1 | 4 | -23 | 1 | 305 | 94 |
| 08084 LOGRONO/AGONCILLO | 4227N | 00220W | 363 | | 975.9 | 1016.7 | 25.6 | 3.5 | 17.9 | 3.0 | 4 | 49 | 27 | 5 | 324 | 106 |
| 08085 PAMPLONA/NOAIN | 4246N | 00138W | 459 | | 966.3 | 1017.2 | 23.9 | | 17.4 | | 6 | 39 | | 4 | 326 | 105 |
| 08130 ZAMORA | 4131N | 00544W | 667 | | 941.9 | 1015.4 | 24.9 | | 14.3 | | 2 | 6 | | 3 | 334 | 90 |
| 08141 VALLADOLID | 4139N | 00446W | 735 | | 933.4 | 1013.9 | 24.7 | 3.3 | 13.6 | 2.4 | 2 | 23 | 6 | 4 | 346 | 96 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 08148 SORIA | 4146N | 00228W | 1082 | | 897.4 | 1013.9 | 22.4 | | 14.4 | | 4 | 26 | | 3 | 320 | 90 |
| 08160 ZARAGOZA/AEROPUERTO | 4140N | 00100W | 263 | | 986.5 | 1015.3 | 28.2 | 3.9 | 16.8 | 1.8 | 4 | 33 | 18 | 5 | 355 | 103 |
| 08171 LERIDA | 4138N | 00036E | 199 | | 994.4 | 1016.6 | 27.7 | | 17.3 | | 1 | 16 | | 4 | 364 | 105 |
| 08175 REUS/AEROPUERTO | 4109N | 00110E | 76 | | 1008.3 | 1016.9 | 26.6 | | 20.8 | | 0 | T | | 1 | 332 | 105 |
| 08181 BARCELONA/AEROPUERTO | 4117N | 00204E | 6 | | 1016.5 | 1017.1 | 27.2 | 4.3 | 23.6 | 2.8 | 0 | T | -22 | 1 | 306 | 99 |
| 08184 GERONA/COSTA BRAVA | 4154N | 00246E | 143 | | 1002.0 | 1016.7 | 26.8 | 3.7 | 18.6 | .2 | 4 | 30 | -8 | 3 | 295 | 106 |
| 08202 SALAMANCA/MATACAN | 4057N | 00530W | 794 | | 927.9 | 1015.0 | 23.2 | 2.2 | 13.8 | .4 | 2 | 8 | -10 | 2 | 348 | 96 |
| 08215 NAVACERRADA | 4047N | 00401W | 1894 | | 817.9 | 1554 Y | 19.1 | | 9.2 | | 2 | 7 | | 2 | 335 | 95 |
| 08221 MADRID/BARAJAS | 4030N | 00335W | 633 | | 950.3 | 1013.9 | 27.7 | 3.4 | 10.3 | -3.4 | 0 | T | -8 | 2 | 311 | 89 |
| 08231 CUENCA | 4004N | 00208W | 946 | | 911.8 | 1561 Y | 25.7 | | 10.5 | | 3 | 11 | | 4 | 339 | 100 |
| 08235 TERUEL | 4021N | 00107W | 902 | | 917.0 | 1565 Y | 23.7 | | 15.7 | | 5 | 43 | | | | |
| 08238 TORTOSA | 4049N | 00030E | 50 | | 1010.6 | 1016.3 | 28.6 | 3.3 | 23.1 | 3.3 | 0 | T | -13 | 1 | 359 | 114 |
| 08261 CACERES | 3928N | 00620W | 405 | | 971.4 | 1016.3 | 27.9 | 2.3 | 14.9 | 2.7 | 1 | 3 | -2 | 3 | 362 | 100 |
| 08272 TOLEDO | 3953N | 00403W | 516 | | 956.9 | 1013.6 | 28.9 | | 12.5 | | 0 | T | | 2 | 367 | 100 |
| 08280 ALBACETE/LOS LLANOS | 3857N | 00151W | 704 | | 938.3 | 1015.1 | 26.7 | 2.6 | 12.6 | -1.1 | 0 | T | -9 | 2 | 367 | 105 |
| 08284 VALENCIA/AEROPUERTO | 3930N | 00028W | 69 | | 1009.4 | 1016.5 | 27.2 | 2.5 | 19.8 | -.9 | 0 | T | -16 | 2 | 330 | 105 |
| 08286 CASTELLON | 3957N | 00004W | 35 | | 1013.1 | 1017.0 | 27.2 | | 22.5 | | 0 | T | | 1 | 351 | 110 |
| 08301 PALMA DE MALLORCA | 3933N | 00237E | 6 | | 1015.9 | 1016.6 | 27.3 | | 27.4 | | 1 | 4 | | 3 | 387 | 115 |
| 08306 PALMA DE MALLORCA/SON SAN JU | 3933N | 00244E | 7 | | 1016.9 | 1017.5 | 26.2 | 2.4 | 23.3 | 2.4 | 1 | 1 | -8 | 2 | 378 | 114 |
| 08314 MENORCA/MAHON | 3952N | 00414E | 89 | | 1007.7 | 1017.5 | 26.7 | 2.5 | 21.1 | .9 | 0 | T | -3 | 3 | 350 | 100 |
| 08330 BADAJOZ/TALAVERA LA REAL | 3853N | 00650W | 192 | | 994.3 | 1015.1 | 27.4 | 2.1 | 15.7 | -.3 | 2 | 2 | -1 | 4 | 373 | 101 |
| 08348 CIUDAD REAL | 3859N | 00355W | 629 | | 946.3 | 1014.9 | 28.9 | 3.9 | 14.1 | -1.9 | 1 | 3 | -7 | 3 | 345 | 95 |
| 08359 ALICANTE | 3822N | 00030W | 82 | | 1007.4 | 1016.8 | 26.9 | 1.8 | 26.8 | 5.7 | 0 | T | -4 | 3 | 347 | 102 |
| 08360 ALICANTE/EL ALTET | 3817N | 00033W | 43 | | 1013.2 | 1016.8 | 25.9 | | 20.2 | | 0 | T | | | 331 | |
| 08373 IBIZA/ES CODOLA | 3853N | 00123E | 17 | | 1015.3 | 1017.3 | 26.7 | 1.8 | 25.1 | 2.3 | 0 | T | -5 | 3 | 358 | 106 |
| 08383 HUELVA | 3717N | 00655W | 20 | | 1014.1 | 1016.4 | 26.8 | | 18.2 | | 1 | 1 | | 4 | 366 | 95 |
| 08391 SEVILLA/SAN PABLO | 3725N | 00554W | 34 | | 1011.4 | 1014.9 | 29.9 | | 16.0 | | 0 | 0 | | 5 | 332 | 90 |
| 08410 CORDOBA/AEROPUERTO | 3751N | 00451W | 92 | | 1005.8 | 1016.1 | 29.4 | 2.5 | 16.7 | .4 | 0 | T | -5 | 3 | 350 | 98 |
| 08417 JAEN | 3747N | 00348W | 582 | | 952.0 | 1015.4 | 28.6 | | 17.3 | | 0 | 0 | | 5 | | |
| 08419 GRANADA/AEROPUERTO | 3711N | 00347W | 570 | | 951.6 | 1014.1 | 26.5 | | 11.1 | | 0 | 0 | | 4 | 345 | 90 |
| 08430 MURCIA | 3800N | 00110W | 62 | | 1009.8 | 1016.9 | 28.6 | | 20.9 | | 0 | T | | 3 | 372 | 110 |
| 08433 MURCIA/SAN JAVIER | 3747N | 00048W | 5 | | 1016.3 | 1016.7 | 26.3 | 2.4 | 24.5 | 1.5 | 0 | 0 | -6 | 3 | 327 | 116 |
| 08451 JEREZ DE LA FRONTERA AEROPUE | 3645N | 00604W | 28 | | 1012.6 | 1015.7 | 26.5 | 1.4 | 16.2 | -2.7 | 0 | T | -1 | 4 | 339 | 95 |
| 08482 MALAGA/AEROPUERTO | 3640N | 00429W | 16 | | 1015.5 | 1016.3 | 26.3 | 1.5 | 19.0 | .1 | 0 | T | -1 | 4 | 340 | 98 |
| 08487 ALMERIA/AEROPUERTO | 3651N | 00223W | 21 | | 1013.6 | 1016.0 | 26.3 | .9 | 18.1 | -3.4 | 1 | 2 | 1 | 4 | 341 | 100 |
| GIBRALTAR | | | | | | | | | | | | | | | | |
| 08495 GIBRALTAR | 3609N | 00521W | 5 | | 1015.9 | 1016.5 | 24.7 | | | | 1 | 2 | | 5 | 324 | 90 |
| PORUGAL | | | | | | | | | | | | | | | | |
| 08501 FLORES (ACORES) | 3927N | 03108W | 29 | | 1020.8 | 1024.5 | 23.2 | | 21.1 | | 8 | 65 | | 4 | 205 | 100 |
| 08509 LAJES (ACORES) | 3846N | 02706W | 54 | | 1018.3 | 1024.6 | 21.4 | | 19.7 | | 5 | 11 | | 1 | 259 | 140 |
| 08535 LISBOA/GEOF | 3843N | 00909W | 95 | | 1006.0 | 1017.0 | 23.9 | 1.5 | 18.1 | 1.1 | 0 | 0 | -5 | 2 | 349 | 99 |
| 08546 PORTO/SERRA DO PILAR | 4108N | 00836W | 100 | | 1006.7 | 1018.5 | 22.1 | 2.2 | 18.7 | 1.3 | 1 | 8 | -8 | 3 | 343 | 111 |
| 08548 COIMBRA/CERNACHE | 4009N | 00828W | 179 | | 997.9 | 1017.8 | 22.1 | | 16.9 | | 1 | 2 | | | 312 | |

SURFACE

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL |
| 08554 FARO/AEROPORTO | 3701N | 00758W | 8 | | 1015.4 | 1016.3 | 25.1 | 1.8 | 17.5 | -1.0 | 0 | 0 | -1 | 3 | 271 | |
| 08558 EVORA/C. COORD | 3832N | 00754W | 246 | | 988.2 | 1016.3 | 25.5 | | 15.9 | 01 | 1 | | | | 360 | |
| 08570 CASTELO BRANCO | 3950N | 00729W | 386 | | 972.6 | 1016.4 | 25.7 | | 15.4 | 2 | 26 | | | | 331 | 91 |
| 08575 BRAGANCA | 4148N | 00644W | 692 | | 939.4 | 1017.1 | 23.4 | 2.3 | 13.4 | .4 | 5 | 59 | 42 | 5 | | |
| GERMANY | | | | | | | | | | | | | | | | |
| 10015 HELGOLAND | 5411N | 00754E | 8 | | 1019.0 | 1020.0 | 19.6 | | 17.9 | | 5 | 22 | | 1 | 359 | 160 |
| 10020 LIST/SYLT | 5501N | 00825E | 29 | | 1016.5 | 1019.9 | 20.1 | | 17.2 | | 5 | 18 | | | 347 | 150 |
| 10028 ST PETER-ORDING | 5420N | 00836E | 11 | | 1018.0 | 1019.3 | 20.6 | | 17.0 | | 4 | 25 | | | 358 | 170 |
| 10035 SCHLESWIG | 5432N | 00933E | 48 | | 1013.9 | 1019.6 | 20.8 | 5.0 | 16.4 | 2.1 | 7 | 46 | | 1 | 345 | 162 |
| 10055 WESTERMARKELSDORF | 5432N | 01104E | 9 | | 1019.0 | 1020.0 | 21.1 | | 18.5 | | 5 | 42 | | | 386 | 160 |
| 10091 ARKONA | 5441N | 01326E | 42 | | 1015.2 | 1020.2 | 21.2 | | 19.0 | | 4 | 12 | | | 390 | 150 |
| 10113 NORDERNEY | 5343N | 00709E | 16 | | 1017.9 | 1019.8 | 20.4 | | 18.2 | | 9 | 71 | | | 357 | 170 |
| 10129 BREMERHAVEN | 5332N | 00835E | 11 | | 1018.9 | 1020.1 | 21.8 | | 17.6 | | 7 | 55 | | | 346 | 175 |
| 10131 CUXHAVEN | 5352N | 00842E | 12 | | 1018.6 | 1020.0 | 21.3 | | 17.9 | | 6 | 58 | | | 356 | 165 |
| 10142 ITZEHOE | 5359N | 00934E | 26 | | 1016.9 | 1019.9 | 20.9 | | 16.1 | | 6 | 40 | | | 346 | |
| 10147 HAMBURG-FUHLSBUETTEL | 5338N | 00959E | 16 | | 1018.0 | 1019.7 | 22.3 | 5.5 | 16.0 | 1.5 | 5 | 21 | -61 | 1 | 357 | 173 |
| 10161 BOLTHENHAGEN | 5400N | 01112E | 17 | | 1018.1 | 1020.1 | 21.2 | | 18.1 | | 4 | 30 | | | 365 | 160 |
| 10162 SCHWERIN | 5339N | 01123E | 68 | | 1011.5 | 1019.4 | 22.5 | | 15.7 | | 7 | 36 | | 2 | 377 | 175 |
| 10170 ROSTOCK-WARNEMUENDE | 5411N | 01205E | 10 | | 1018.2 | 1019.6 | 21.9 | 5.1 | 17.6 | 2.5 | 4 | 18 | -53 | 1 | 388 | 167 |
| 10184 GREIFSWALD | 5406N | 01324E | 6 | | 1019.0 | 1019.7 | 21.6 | | 16.7 | | 3 | 6 | | | 378 | 155 |
| 10200 EMDEN-FLUGPLATZ | 5323N | 00714E | 5 | | 1019.9 | 1020.0 | 20.6 | | 17.2 | | 8 | 71 | | | 317 | 160 |
| 10215 OLDENBURG | 5311N | 00810E | 20 | | 1017.6 | 1019.9 | 21.8 | | 16.1 | | 6 | 31 | | | 339 | 185 |
| 10224 BREMEN | 5303N | 00848E | 5 | | 1018.7 | 1019.3 | 22.0 | | 15.7 | | 4 | 18 | | 0 | 334 | 175 |
| 10249 BOIZENBURG | 5324N | 01041E | 46 | | 1013.9 | 1019.3 | 22.8 | | 15.3 | | 5 | 28 | | | 360 | 165 |
| 10261 SEEHAUSEN | 5254N | 01144E | 23 | | 1017.2 | 1019.7 | 22.5 | | 15.2 | | 5 | 55 | | | 359 | 180 |
| 10264 MARNITZ | 5319N | 01156E | 87 | | 1009.4 | 1019.6 | 22.3 | | 15.3 | | 5 | 57 | | | 371 | |
| 10270 NEURUPPIN | 5254N | 01249E | 45 | | 1014.0 | 1019.3 | 23.0 | | 16.1 | | 6 | 29 | | 2 | 371 | 165 |
| 10291 ANGERMUENDE | 5302N | 01400E | 55 | | 1012.7 | 1019.1 | 22.9 | | 15.1 | | 4 | 27 | | | 362 | 155 |
| 10305 LINGEN | 5231N | 00718E | 26 | | 1016.5 | 1019.6 | 22.6 | | 16.4 | | 7 | 34 | | | 327 | 175 |
| 10315 MUENSTER/OSNABRUECK | 5208N | 00742E | 53 | | 1012.9 | 1019.0 | 22.9 | | 16.0 | | 7 | 36 | | | 329 | 170 |
| 10321 DIEPHOLZ | 5235N | 00821E | 43 | | 1014.6 | 1019.7 | 22.2 | | 16.2 | | 8 | 46 | | | 324 | |
| 10325 BAD SALZUFLEN | 5206N | 00845E | 139 | | 1003.3 | 1019.5 | 21.8 | | 16.7 | | 6 | 81 | | | 324 | 175 |
| 10338 HANNOVER | 5228N | 00941E | 59 | | 1012.7 | 1019.6 | 22.3 | 5.1 | 16.3 | 1.6 | 5 | 32 | -30 | 1 | 351 | 163 |
| 10348 BRAUNSCHWEIG | 5218N | 01027E | 88 | | 1009.6 | 1019.8 | 22.6 | | 15.8 | | 3 | 16 | | | 345 | 175 |
| 10359 GARDELEGEN | 5231N | 01124E | 48 | | 1014.1 | 1019.6 | 22.5 | | 15.0 | | 3 | 15 | | | 349 | 170 |
| 10361 MAGDEBURG | 5206N | 01135E | 85 | | 1009.5 | 1019.4 | 23.6 | | 15.5 | | 4 | 28 | | 2 | 352 | 160 |
| 10379 POTSDAM | 5223N | 01304E | 100 | | 1007.7 | 1019.3 | 23.6 | 5.7 | 16.0 | 1.7 | 4 | 85 | 33 | 5 | 367 | 159 |
| 10382 BERLIN-TEGEL | 5234N | 01319E | 37 | | 1014.8 | 1019.1 | 24.4 | | 15.7 | | 5 | 76 | | | 372 | 165 |
| 10384 BERLIN-TEMPELHOF | 5228N | 01324E | 50 | | 1013.8 | 1019.4 | 24.4 | | 15.3 | | 5 | 56 | | | 372 | 160 |
| 10385 BERLIN-SCHOENEFELD | 5223N | 01332E | 48 | | 1013.4 | 1019.2 | 23.8 | | 15.1 | | 6 | 39 | | | 366 | |
| 10393 LINDBERG | 5213N | 01407E | 112 | | 1007.4 | 1019.5 | 24.1 | 6.2 | 15.5 | 1.6 | 2 | 10 | -43 | 1 | 363 | 159 |
| 10396 MANSCHNOW | 5233N | 01433E | 16 | | 1017.2 | 1019.1 | 23.6 | | 14.6 | | 3 | 20 | | | 368 | |
| 10400 DUESSELDORF | 5118N | 00646E | 45 | | 1014.2 | 1018.9 | 23.6 | | 16.0 | | 5 | 29 | | 1 | 327 | 165 |
| 10410 ESSEN-BREDENEY | 5124N | 00658E | 161 | | 1001.9 | 1019.2 | 23.0 | 5.6 | 16.3 | 1.9 | 3 | 28 | -61 | 1 | 322 | 173 |
| 10418 LUEDENSCHIED | 5115N | 00739E | 392 | | 974.4 | 1019.3 | 21.3 | | 15.3 | | 9 | 51 | | | 296 | |

SURFACE

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|-------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 10427 KAHLER ASTEN | 5111N | 00829E | 859 | | 922.9 | 1557 Y | 18.7 | | 14.3 | | 7 | 77 | | | 307 | 170 |
| 10430 BAD LIPPSPRINGE | 5147N | 00850E | 158 | | 1001.0 | 1019.4 | 22.5 | | 15.9 | | 7 | 43 | | | 321 | 175 |
| 10444 GOETTINGEN | 5130N | 00957E | 175 | | 999.7 | 1019.6 | 21.1 | | 16.7 | | 9 | 72 | | | 333 | 175 |
| 10449 LEINEFELDE | 5124N | 01019E | 356 | | 978.8 | 1019.7 | 21.4 | | 15.8 | | 6 | 78 | | | 328 | 165 |
| 10453 BROCKEN | 5148N | 01037E | 1153 | | 891.7 | 1559 Y | 16.7 | | 12.9 | | 11 | 86 | | | 309 | 185 |
| 10460 ARTERN | 5123N | 01118E | 166 | | 1000.1 | 1019.3 | 23.2 | | 15.2 | | 6 | 22 | | | 349 | 175 |
| 10469 LEIPZIG-SCHKEUDITZ | 5126N | 01214E | 141 | | 1003.4 | 1019.1 | 23.4 | | 15.6 | | 8 | 42 | | 2 | 345 | 170 |
| 10480 OSCHATZ | 5118N | 01306E | 152 | | 1001.9 | 1019.3 | 23.1 | | 15.1 | | 5 | 54 | | | 344 | 160 |
| 10488 DRESDEN-KLOTZSCHE | 5108N | 01345E | 232 | | 992.3 | 1019.0 | 23.5 | | 15.0 | | 2 | 7 | | | 347 | 160 |
| 10496 COTTBUS | 5146N | 01419E | 70 | | 1010.8 | 1018.8 | 24.2 | | 14.4 | | 2 | 5 | | | 360 | 160 |
| 10499 GOERLITZ | 5110N | 01457E | 240 | | 991.3 | 1018.7 | 23.2 | 5.9 | 13.8 | -3 | 1 | 7 | -63 | 0 | 357 | 162 |
| 10501 AACHEN | 5047N | 00606E | 205 | | 994.5 | 1018.0 | 23.4 | | 15.8 | | 4 | 15 | | | 320 | 160 |
| 10506 NUERBURG-BARWEILER | 5022N | 00652E | 488 | | 963.2 | 1018.7 | 21.3 | | 14.8 | | 5 | 34 | | | 315 | |
| 10513 KOELN/BONN | 5052N | 00710E | 100 | | 1007.3 | 1018.9 | 23.3 | | 16.6 | | 4 | 17 | | | 325 | 165 |
| 10526 BAD MARIENBERG | 5040N | 00758E | 555 | | 955.4 | 1018.3 | 21.2 | | 15.1 | | 5 | 27 | | | 314 | 155 |
| 10532 GIESSEN | 5035N | 00842E | 195 | | 996.6 | 1017.3 | 22.0 | | 16.6 | | 6 | 124 | | | 322 | 135 |
| 10542 BAD HERSFELD | 5051N | 00944E | 273 | | 988.2 | 1019.7 | 21.2 | | 16.7 | | 9 | 127 | | | 313 | 160 |
| 10544 WASSERKUPPE | 5030N | 00957E | 925 | | 915.8 | 1530 Y | 19.0 | | 14.8 | | 12 | 200 | | | 315 | 150 |
| 10548 MEININGEN | 5034N | 01023E | 453 | | 967.3 | 1019.0 | 21.4 | | 15.6 | | 8 | 60 | | 3 | 320 | 150 |
| 10554 ERFURT-BINDERSLEBEN | 5059N | 01058E | 322 | | 982.1 | 1019.0 | 21.9 | | 15.6 | | 3 | 85 | | | 344 | 155 |
| 10557 NEUHAUS A.R. | 5030N | 01108E | 851 | | 923.6 | 1560 Y | 19.0 | | 14.0 | | 10 | 223 | | | 301 | |
| 10567 GERA-LEUMNITZ | 5053N | 01208E | 312 | | 983.5 | 1018.9 | 22.1 | | 15.5 | | 6 | 30 | | | 320 | 150 |
| 10577 CHEMNITZ | 5048N | 01252E | 420 | | 971.5 | 1019.2 | 21.9 | | 15.1 | | 7 | 38 | | | 326 | 165 |
| 10578 FICHTELBERG | 5026N | 01257E | 1215 | | 885.4 | 1561 Y | 16.7 | 5.5 | 12.8 | 2.1 | 7 | 70 | -42 | 2 | 305 | 160 |
| 10582 ZINNWALD-GEORGENFELD | 5044N | 01345E | 882 | | 920.9 | 1557 Y | 19.1 | | 13.4 | | 4 | 25 | | | 332 | 175 |
| 10591 LICHTENHAIN-MITTELNDORF | 5056N | 01413E | 352 | | 981.3 | 1018.6 | 22.7 | | 14.4 | | 3 | 21 | | | 347 | 170 |
| 10609 TRIER-PETRISBERG | 4945N | 00640E | 273 | | 987.4 | 1018.6 | 23.6 | 6.0 | 16.7 | 2.6 | 3 | 14 | -56 | 1 | 333 | 148 |
| 10628 GEISENHEIM | 4959N | 00757E | 123 | | 1004.7 | 1018.9 | 24.6 | 6.0 | 16.5 | 2.1 | 5 | 15 | -42 | 0 | 317 | 142 |
| 10637 FRANKFURT/M-FLUGHAFEN | 5003N | 00836E | 113 | | 1005.7 | 1018.7 | 24.0 | | 16.9 | | 8 | 70 | | 4 | 329 | 145 |
| 10648 MICHELSTADT-VIELBRUNN | 4943N | 00906E | 455 | | 966.8 | 1018.6 | 21.9 | | 17.2 | | 8 | 96 | | | 335 | 150 |
| 10655 WUERZBURG | 4946N | 00958E | 272 | | 987.5 | 1018.7 | 23.2 | | 16.9 | | 6 | 95 | | | 336 | 150 |
| 10658 BAD KISSINGEN | 5014N | 01005E | 282 | | 986.8 | 1019.3 | 22.0 | | 16.3 | | 6 | 54 | | | 347 | 165 |
| 10675 BAMBERG | 4953N | 01055E | 243 | | 991.0 | 1018.9 | 23.1 | | 17.4 | | 6 | 26 | | | 335 | 150 |
| 10685 HOF | 5019N | 01153E | 568 | | 954.9 | 1019.2 | 20.8 | | 15.3 | | 9 | 41 | | 1 | 321 | 150 |
| 10688 WEIDEN | 4940N | 01211E | 439 | | 969.1 | 1018.9 | 21.6 | | 15.9 | | 7 | 50 | | | 336 | 155 |
| 10708 SAARBRUECKEN/ENSHEIM | 4913N | 00707E | 322 | | 981.8 | 1018.4 | 23.1 | | 15.9 | | 2 | 7 | | | 332 | 135 |
| 10724 WEINBIET | 4923N | 00807E | 557 | | 955.3 | 1018.0 | 22.6 | | 15.5 | | 6 | 38 | | | 328 | 150 |
| 10727 KARLSRUHE | 4902N | 00822E | 145 | | 1001.6 | 1018.3 | 24.8 | 5.2 | 18.8 | 3.7 | 10 | 132 | 62 | 5 | 350 | 143 |
| 10729 MANNHEIM | 4931N | 00833E | 100 | | 1006.9 | 1018.5 | 24.4 | | 17.4 | | 7 | 57 | | | 333 | 140 |
| 10738 STUTTGART-ECHTERDINGEN | 4841N | 00914E | 396 | | 973.7 | 1018.3 | 22.5 | | 16.7 | | 11 | 121 | | 5 | 331 | 140 |
| 10742 OEHRINGEN | 4913N | 00931E | 277 | | 987.0 | 1018.4 | 23.2 | | 17.0 | | 5 | 68 | | | 343 | 145 |
| 10761 WEISSENBURG | 4901N | 01058E | 424 | | 970.7 | 1018.9 | 22.4 | | 15.3 | | 7 | 56 | | | 328 | 140 |
| 10763 NUERNBERG | 4930N | 01103E | 319 | | 982.2 | 1018.5 | 22.6 | 4.3 | 16.1 | 2.2 | 8 | 35 | -34 | 2 | 337 | 143 |
| 10776 REGENSBURG | 4903N | 01206E | 371 | | 976.5 | 1018.8 | 22.5 | | 16.9 | | 8 | 88 | | | 335 | 140 |
| 10788 STRAUBING | 4850N | 01234E | 360 | | 978.2 | 1019.0 | 21.8 | | 16.8 | | 5 | 76 | | | 348 | 145 |
| 10791 GROSSER ARBER | 4907N | 01308E | 1446 | | 861.9 | 1564 Y | 16.0 | | 12.3 | | 4 | 21 | | | 269 | 120 |

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 10805 LAHR | 4822N | 00750E | 157 | | 1000.0 | 1018.1 | 24.1 | | 16.8 | | 4 | 14 | | | 357 | 135 |
| 10815 FREUDENSTADT | 4827N | 00825E | 801 | | 928.7 | 1559 Y | 20.4 | | 13.9 | | 6 | 77 | | | 323 | 135 |
| 10836 STOETTEN | 4840N | 00952E | 737 | | 935.4 | 1017.9 | 21.0 | | 15.2 | | 8 | 77 | | | 336 | 135 |
| 10852 AUGSBURG | 4826N | 01056E | 477 | | 964.4 | 1018.7 | 21.0 | | 16.1 | | 8 | 76 | | | 343 | 140 |
| 10870 MUENCHEN, FLUGHAFEN | 4822N | 01149E | 453 | | 967.3 | 1018.1 | 21.9 | 4.6 | 16.1 | 2.4 | 6 | 31 | -69 | 0 | 355 | 153 |
| 10875 MUEHLDORF | 4817N | 01230E | 410 | | 971.9 | 1018.8 | 21.4 | | 16.5 | | 5 | 58 | | | 345 | 150 |
| 10895 FUERSTENZELL | 4833N | 01321E | 480 | | 964.0 | 1018.5 | 21.7 | | 17.8 | | 7 | 64 | | | 339 | |
| 10908 FELDBERG/SCHWARZWALD | 4753N | 00800E | 1493 | | 856.6 | 1559 Y | 16.4 | | 12.6 | | 8 | 71 | | | 303 | 140 |
| 10929 KONSTANZ | 4741N | 00911E | 447 | | 967.2 | 1017.8 | 23.6 | 5.1 | 16.4 | 1.3 | 7 | 40 | -62 | 1 | 362 | 148 |
| 10946 KEMPTEN | 4743N | 01020E | 705 | | 938.8 | 1018.0 | 20.5 | | 15.4 | | 7 | 81 | | | 316 | 140 |
| 10948 OBERSTDORF | 4724N | 01017E | 812 | | 927.5 | 1556 Y | 19.0 | | 15.8 | | 13 | 174 | | | 291 | 145 |
| 10961 ZUGSPITZE | 4725N | 01059E | 2962 | | 718.6 | 3178 Z | 6.5 | 4.3 | 6.9 | .5 | 14 | 111 | -72 | 1 | 253 | 145 |
| 10962 HOHENPEISSENBERG | 4748N | 01101E | 986 | | 908.9 | 1559 Y | 19.8 | 4.8 | 14.2 | 1.6 | 8 | 29 | -132 | 0 | 332 | 145 |
| 10980 WENDELSTEIN | 4742N | 01201E | 1835 | | 822.9 | 1559 Y | 14.2 | | 10.6 | | 8 | 74 | | | 294 | 155 |
| AUSTRIA | | | | | | | | | | | | | | | | |
| 11035 WIEN/HOHE WARTE | 4815N | 01622E | 200 | | 994.2 | 1018.0 | 23.9 | | 18.0 | 3.2 | 5 | 38 | -25 | 2 | 363 | 148 |
| 11120 INNSBRUCK-FLUGHAFEN | 4716N | 01121E | 584 | | 951.1 | 1018.0 | 21.3 | | 17.0 | | 11 | 43 | | 1 | 308 | 140 |
| 11146 SONNBLICK | 4703N | 01257E | 3111 | | 705.4 | 3172 Z | 5.4 | | 7.9 | 1.5 | 17 | 133 | -116 | 2 | 208 | 117 |
| 11150 SALZBURG-FLUGHAFEN | 4748N | 01300E | 450 | | 967.2 | 1018.6 | 21.9 | | 15.4 | 1.0 | 7 | 86 | -74 | 1 | 326 | 146 |
| 11155 FEUERKOEGEL | 4749N | 01343E | 1621 | | 844.1 | 1561 Y | 15.6 | | 13.3 | | 9 | 91 | | 1 | 275 | 150 |
| 11212 VILLACHERALPE | 4636N | 01340E | 2160 | | 792.5 | 1568 Y | 11.9 | | 10.8 | | 9 | 88 | | 1 | 255 | 120 |
| 11231 KLAGENFURT-FLUGHAFEN | 4639N | 01420E | 476 | | 964.2 | 1018.2 | 22.0 | | 16.6 | 1.8 | 4 | 36 | -80 | 1 | 307 | 122 |
| 11240 GRAZ-THALERHOF-FLUGHAFEN | 4700N | 01526E | 347 | | 977.0 | 1018.5 | 22.6 | | 17.4 | 1.5 | 9 | 68 | -58 | 1 | 304 | 127 |
| CZECH REPUBLIC | | | | | | | | | | | | | | | | |
| 11423 PRIMDA | 4940N | 01240E | 748 | | 935.1 | | 21.0 | | 15.5 | | 5 | 79 | | 3 | 343 | 155 |
| 11464 MILESOVKA | 5033N | 01356E | 836 | | 925.5 | | 20.7 | | 14.9 | | 8 | 48 | | 2 | 338 | 150 |
| 11487 KOCELOVICE | 4928N | 01350E | 522 | | 959.7 | 1019.0 | 21.1 | | 16.0 | | 4 | 26 | | 1 | 319 | 135 |
| 11518 PRAHA/RUZYNE | 5006N | 01415E | 380 | | 977.4 | 1019.1 | 22.1 | 5.0 | 15.7 | 1.9 | 7 | 28 | -38 | 1 | 336 | 149 |
| 11520 PRAHA-LIBUS | 5001N | 01427E | 303 | | 984.1 | 1019.0 | 23.1 | | 15.6 | | 5 | 11 | | 1 | 332 | 150 |
| 11603 LIBEREC | 5046N | 01501E | 405 | | 973.1 | 1019.0 | 21.9 | | 15.3 | | 5 | 37 | | 1 | 340 | 185 |
| 11659 PRIBYSLAV | 4935N | 01546E | 536 | | 958.1 | 1019.3 | 19.6 | | 14.7 | | 4 | 17 | | 0 | 316 | 145 |
| 11723 BRNO/TURANY | 4909N | 01642E | 246 | | 990.5 | 1018.8 | 22.2 | 3.7 | 14.7 | .5 | 4 | 76 | 12 | 4 | 333 | 142 |
| 11782 OSTRAVA/MOSNOV | 4941N | 01807E | 260 | | 988.9 | 1018.9 | 22.2 | 4.4 | 16.5 | 1.9 | 4 | 12 | -79 | 0 | 353 | 163 |
| SLOVAKIA | | | | | | | | | | | | | | | | |
| 11826 PIESTANY | 4837N | 01750E | 164 | | 999.4 | 1018.3 | 22.9 | | 16.7 | | 3 | 31 | | 2 | 360 | 140 |
| 11858 HURBANOVO | 4752N | 01812E | 124 | | 1003.9 | 1018.2 | 23.8 | 3.6 | 16.0 | .6 | 4 | 25 | -25 | 1 | 357 | 138 |
| 11903 SLIAC | 4839N | 01909E | 315 | | 982.4 | 1018.6 | 21.4 | 3.3 | 15.0 | .7 | 4 | 31 | -27 | 1 | 338 | 145 |
| 11934 POPRAD/TATRY | 4904N | 02015E | 696 | | 940.2 | | 18.5 | 3.0 | 14.2 | 1.5 | 8 | 40 | -28 | 1 | 336 | 152 |
| POLAND | | | | | | | | | | | | | | | | |

SURFACE

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | | |
|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|-----|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. | |
| 12120 LEBA | 5445N | 01732E | 6 | | 1019.2 | 1019.9 | 20.4 | | 17.1 | | | 2 | 14 | | 1 | 376 | | |
| 12160 ELBLAG | 5410N | 01926E | 43 | | 1014.7 | 1019.8 | 21.6 | | 16.5 | | | 5 | 36 | | 2 | 345 | 165 | |
| 12205 SZCZECIN | 5324N | 01437E | 7 | | 1018.8 | 1019.6 | 22.7 | 5.0 | 16.1 | .1 | | 3 | 16 | -45 | 1 | 366 | 175 | |
| 12295 BIALYSTOK | 5306N | 02310E | 151 | | 1001.4 | 1019.0 | 20.8 | 3.5 | 14.2 | -.7 | | 2 | 37 | -43 | 1 | 351 | 155 | |
| 12330 POZNAN | 5225N | 01651E | 84 | | 1009.0 | 1019.2 | 24.0 | 6.0 | 15.0 | .9 | | 3 | 13 | -56 | 1 | 393 | 180 | |
| 12375 WARSZAWA-OKECIE | 5210N | 02058E | 106 | | 1006.7 | 1019.1 | 23.5 | 5.5 | 13.5 | -1.3 | | 3 | 20 | -49 | 1 | 438 | 190 | |
| 12424 WROCLAW II | 5106N | 01653E | 124 | | 1004.7 | 1019.2 | 23.2 | 5.5 | 14.4 | -.5 | | 4 | 23 | -61 | 1 | 377 | 184 | |
| 12497 WLODAWA | 5133N | 02332E | 179 | | 997.9 | 1018.9 | 21.5 | | 13.6 | | | 4 | 26 | | 1 | 359 | 145 | |
| 12566 KRAKOW | 5005N | 01948E | 237 | | 991.3 | 1019.1 | 21.6 | 4.1 | 15.4 | .5 | | 4 | 14 | -71 | 0 | 364 | 179 | |
| HUNGARY | | | | | | | | | | | | | | | | | | |
| 12843 BUDAPEST/PESTSZENTLORINC | 4726N | 01911E | 139 | | 1002.2 | 1018.4 | 24.4 | 3.6 | 17.4 | 2.3 | | 4 | 20 | -32 | 1 | 346 | 126 | |
| 12882 DEBRECEN | 4729N | 02136E | 109 | | 1005.6 | 1018.2 | 23.1 | 2.8 | 16.7 | .6 | | 5 | 42 | -23 | 2 | 357 | 127 | |
| 12942 PECS/POGANY | 4600N | 01814E | 203 | | 995.1 | 1018.7 | 23.5 | 3.0 | 17.4 | 1.9 | | 2 | 14 | -47 | 1 | 335 | 114 | |
| 12982 SZEGED | 4615N | 02006E | 83 | | 1008.6 | 1018.2 | 23.5 | 2.7 | 18.0 | 2.0 | | 4 | 35 | -15 | 2 | 334 | 116 | |
| SERBIA AND MONTENEGRO | | | | | | | | | | | | | | | | | | |
| 13274 BEOGRAD | 4448N | 02028E | 132 | | 1002.3 | 1017.5 | 24.6 | 2.9 | 17.4 | 1.2 | | 5 | 23 | -43 | 1 | 341 | 120 | |
| 13388 NIS | 4320N | 02154E | 202 | | 994.2 | 1017.6 | 22.8 | | 16.9 | | | 4 | 31 | | 3 | 275 | 95 | |
| 13463 PODGORICA-GRAD | 4226N | 01917E | 50 | | 1009.9 | 1015.6 | 28.1 | | 17.3 | | | 7 | 32 | | 3 | 313 | 90 | |
| SLOVENIA | | | | | | | | | | | | | | | | | | |
| 14008 KREDARICA | 4623N | 01351E | 2515 | | 759.2 | 3185 Z | 9.1 | | 8.9 | | | | | | | 2 | 223 | 115 |
| 14015 LJUBLJANA/BEZIGRAD | 4604N | 01431E | 299 | | 984.3 | 1018.3 | 23.6 | | 16.7 | | | 13 | 174 | | 2 | 299 | 115 | |
| CROATIA | | | | | | | | | | | | | | | | | | |
| 14236 ZAGREB/GRIC | 4549N | 01559E | 162 | | 999.1 | 1017.8 | 24.4 | | 17.4 | | | | | | | 1 | 320 | 120 |
| 14445 SPLIT/MARJAN | 4331N | 01626E | 128 | | 1000.6 | 1015.1 | 27.7 | | 17.1 | | | 7 | 38 | | 1 | 349 | 100 | |
| BOSNIA AND HERZEGOVINA | | | | | | | | | | | | | | | | | | |
| 14648 MOSTAR | 4321N | 01748E | 108 | | 1003.2 | 1015.3 | 28.2 | | 17.3 | | | 2 | 22 | | 2 | 299 | 90 | |
| 14652 BJELASNICA | 4343N | 01816E | 2070 | | 800.2 | 1563 Y | 10.4 | | 9.5 | | | 14 | 121 | | 5 | 230 | 65 | |
| 14654 SARAJEVO-BJELAVE | 4352N | 01826E | 638 | | 946.0 | 1017.8 | 19.4 | .5 | 15.7 | 1.8 | | 11 | 162 | 82 | 5 | 237 | 93 | |
| ROMANIA | | | | | | | | | | | | | | | | | | |
| 15023 SUCEAVA | 4738N | 02615E | 352 | | 977.8 | 1018.2 | 19.8 | | 16.2 | | | 7 | 120 | | 4 | 313 | 125 | |
| 15085 BISTRITA | 4709N | 02431E | 367 | | 975.5 | 1017.8 | 20.5 | 2.2 | 15.8 | .1 | | 5 | 51 | -36 | 2 | 316 | 122 | |
| 15090 IASI | 4710N | 02738E | 104 | | 1005.7 | 1017.8 | 21.4 | .9 | 16.2 | -.8 | | 9 | 97 | 14 | 4 | 331 | 122 | |
| 15120 CLUJ-NAPOCA | 4647N | 02334E | 414 | | 971.1 | 1018.3 | 20.7 | 2.5 | 15.2 | -.2 | | 7 | 39 | -42 | 1 | 333 | 122 | |
| 15247 TIMISOARA | 4546N | 02115E | 88 | | 1007.0 | 1016.9 | 23.6 | 2.5 | 16.8 | .2 | | 8 | 50 | -14 | 2 | 342 | 114 | |
| 15260 SIBIU | 4548N | 02409E | 444 | | 966.7 | 1018.0 | 20.4 | 1.7 | 15.4 | -.7 | | 4 | 94 | 8 | 4 | 280 | 114 | |
| 15280 VARFU OMU | 4527N | 02527E | 2509 | | 757.4 | | 6.4 | 1.3 | 9.5 | 1.4 | | 15 | 130 | -14 | 3 | 176 | 119 | |

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 15292 CARANSEBES | 4525N | 02215E | 242 | | 991.5 | 1019.0 | 21.4 | | 19.6 | | | 7 | 44 | | 1 | 284 | 105 |
| 15310 GALATI | 4529N | 02802E | 71 | | 1008.9 | 1017.0 | 23.3 | 1.3 | 15.2 | -2.2 | | 6 | 15 | -31 | 1 | 276 | 90 |
| 15350 BUZAU | 4509N | 02649E | 97 | | 1006.3 | 1017.6 | 23.2 | | 17.5 | | | 5 | 67 | | 3 | 331 | 115 |
| 15360 SULINA | 4510N | 02944E | 9 | | 1014.5 | 1015.8 | 23.2 | 1.2 | 18.6 | -2.5 | | 1 | 2 | -24 | 1 | 344 | 112 |
| 15420 BUCURESTI BANEASA | 4430N | 02608E | 91 | | 1006.1 | 1016.7 | 22.5 | .5 | 15.2 | -2.5 | | 5 | 64 | 0 | 3 | 324 | 112 |
| 15450 CRAIOVA | 4419N | 02352E | 195 | | 994.8 | 1017.3 | 22.8 | .9 | 16.5 | -1.3 | | 6 | 30 | -25 | 2 | 278 | 88 |
| 15480 CONSTANTA | 4413N | 02839E | 14 | | 1014.7 | 1016.3 | 23.3 | 1.3 | 18.5 | -1.3 | | 3 | 77 | 47 | 6 | 341 | 107 |
| BULGARIA | | | | | | | | | | | | | | | | | |
| 15502 VIDIN | 4359N | 02251E | 595 | | | | | | | | | | | | | | |
| 15552 VARNA | 4312N | 02757E | 43 | | 1011.1 | 1015.7 | 22.9 | .9 | 18.6 | -.6 | | 3 | 19 | -18 | 2 | 313 | 111 |
| 15614 SOFIA (OBSERV.) | 4239N | 02323E | 595 | | 949.3 | 1016.5 | 20.4 | .6 | 15.7 | 1.3 | | 7 | 88 | 32 | 5 | 305 | 107 |
| 15730 KURDJALI | 4139N | 02523E | 331 | | 978.5 | 1015.9 | 22.6 | | 14.9 | | | 4 | 20 | | 2 | 294 | 90 |
| ITALY | | | | | | | | | | | | | | | | | |
| 16033 DOBBIACO | 4644N | 01213E | 1226 | | 884.6 | 1564 Y | 17.5 | | 12.9 | | | 16 | 129 | 20 | 4 | | |
| 16061 BRIC DELLA CROCE | 4502N | 00743E | 710 | | 937.1 | | 23.8 | | 17.7 | | | 5 | 48 | 2 | 4 | 257 | 112 |
| 16088 BRESCIA/GHEDI | 4525N | 01017E | 97 | | 1006.2 | 1017.4 | 26.1 | | 21.5 | | | 5 | 34 | -38 | 2 | | |
| 16098 TREVISO/ISTRANA | 4541N | 01206E | 42 | | 1012.3 | 1017.1 | 27.0 | | 20.6 | | | 6 | 27 | -39 | 1 | | |
| 16110 TRIESTE | 4539N | 01345E | 4 | | 1016.3 | 1016.7 | 27.0 | | 20.7 | | | 3 | 16 | -55 | 0 | 325 | 113 |
| 16134 MONTE CIMONE | 4411N | 01042E | 2173 | | 791.1 | 1567 Y | 13.1 | | 11.3 | | | 6 | 67 | 16 | 5 | 242 | 106 |
| 16148 CERVIA | 4413N | 01218E | 10 | | 1015.8 | 1017.0 | 25.5 | | 24.9 | | | 3 | 12 | -59 | 2 | 341 | |
| 16153 CAPO MELE | 4357N | 00811E | 221 | | 991.4 | 1016.6 | 26.4 | | 25.6 | | | 2 | 11 | 0 | 4 | 306 | 104 |
| 16158 PISA/S. GIUSTO | 4341N | 01023E | 6 | | 1016.1 | 1016.8 | 26.2 | | 20.5 | | | 4 | 41 | 17 | 4 | 313 | 99 |
| 16206 GROSSETO | 4244N | 01103E | 7 | | 1015.2 | 1016.0 | 27.2 | | 20.9 | | | 3 | 30 | 10 | 5 | | |
| 16224 VIGNA DI VALLE | 4205N | 01213E | 266 | | 984.4 | 1014.7 | 25.1 | | 20.1 | | | 4 | 19 | 0 | 4 | 354 | 105 |
| 16232 TERMOLI | 4200N | 01500E | 44 | | 1011.0 | 1016.1 | 26.4 | | 27.7 | | | 2 | 4 | -20 | 1 | 343 | 110 |
| 16245 PRATICA DI MARE | 4139N | 01227E | 21 | | 1013.1 | 1015.6 | 25.7 | | 25.4 | | | 2 | 13 | 2 | 4 | | |
| 16252 CAMPOBASSO | 4134N | 01439E | 807 | | 926.9 | | 22.0 | | 15.5 | | | 7 | 46 | 11 | 4 | 328 | 119 |
| 16258 MONTE S. ANGELO | 4142N | 01557E | 848 | | 921.0 | | 20.4 | | 12.9 | | | 1 | 41 | -2 | 4 | | |
| 16280 PONZA | 4055N | 01257E | 185 | | 993.8 | 1014.9 | 25.8 | | 28.6 | | | 2 | 16 | 6 | 4 | 332 | |
| 16325 MARINA DI GINOSA | 4026N | 01653E | 12 | | 1012.5 | 1013.9 | 26.6 | | 22.5 | | | 2 | 27 | 12 | 4 | | |
| 16344 MONTE SCURO | 3920N | 01624E | 1677 | | 836.0 | 1536 Y | 14.5 | | 12.6 | | | 7 | 63 | 42 | 5 | 285 | |
| 16360 S. MARIA DI LEUCA | 3949N | 01821E | 112 | | 1001.2 | 1014.1 | 26.0 | | 20.0 | | | 2 | 2 | -15 | 2 | 365 | |
| 16420 MESSINA | 3812N | 01533E | 54 | | 1009.1 | 1015.3 | 27.0 | | 29.2 | | | 5 | 60 | 41 | 5 | 324 | 98 |
| 16429 TRAPANI BIRGI | 3755N | 01230E | 9 | | 1015.0 | 1016.1 | 25.6 | | 26.3 | | | 1 | 1 | -1 | 4 | 357 | 103 |
| 16450 ENNA | 3734N | 01417E | 1001 | | 906.6 | 1556 Y | 22.9 | | 18.0 | | | 5 | 25 | | 5 | | |
| 16459 CATANIA SIGONELLA | 3724N | 01455E | 29 | | 1011.9 | 1015.3 | 26.2 | | 23.4 | | | 2 | 19 | 17 | 5 | | |
| 16480 COZZO SPADARO | 3641N | 01508E | 51 | | 1008.4 | 1014.2 | 27.1 | | 26.7 | | | 2 | 5 | 3 | 5 | 353 | |
| 16522 CAPO CACCIA | 4034N | 00810E | 204 | | 993.6 | 1016.8 | 27.2 | | 27.7 | | | 0 | T | | 0 | 369 | 105 |
| 16546 DECIMOMANNU | 3921N | 00858E | 24 | | 1013.4 | 1016.1 | 27.7 | | 23.0 | | | 5 | 36 | 33 | 6 | | |
| 16550 CAPO BELLAVISTA | 3955N | 00942E | 150 | | 998.7 | 1015.8 | 26.6 | | 22.9 | | | 1 | 3 | 0 | 4 | 344 | |
| MALTA | | | | | | | | | | | | | | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 16597 LUQA | 3551N | 01429E | 91 | | 1007.5 | 1015.8 | 27.0 | 1.1 | 23.8 | 1.8 | 0 | T | -1 | 4 | 363 | 95 |
| GREECE | | | | | | | | | | | | | | | | |
| 16622 THESSALONIKI (AIRPORT) | 4031N | 02258E | 8 | | 1015.1 | 1015.6 | 26.9 | .4 | 18.6 | .3 | 4 | 25 | 0 | 3 | 319 | 98 |
| 16641 KERKYRA (AIRPORT) | 3937N | 01955E | 4 | | 1012.7 | 1013.1 | 27.7 | 1.3 | 20.1 | .4 | 2 | 16 | 9 | 5 | 314 | 86 |
| 16648 LARISSA (AIRPORT) | 3938N | 02225E | 74 | | 1006.5 | 1015.0 | 26.7 | -.4 | 16.4 | .4 | 3 | 28 | 8 | 4 | 312 | 93 |
| 16716 ATHINAI (AIRPORT) | 3754N | 02344E | 28 | | 1011.0 | 1012.8 | 28.2 | .4 | 15.1 | -.28 | 1 | 2 | -.3 | 4 | 358 | 99 |
| 16726 KALAMATA (AIRPORT) | 3704N | 02201E | 8 | | 1012.2 | 1013.2 | 28.3 | 1.8 | 20.8 | 1.2 | 0 | T | -.3 | 2 | 383 | 107 |
| 16746 SOUDA (AIRPORT) | 3529N | 02407E | 151 | | 994.8 | 1012.2 | 25.8 | -.6 | 17.8 | .6 | 0 | T | -.1 | 0 | 374 | 100 |
| 16754 HERAKLION (AIRPORT) | 3520N | 02511E | 39 | | 1006.9 | 1011.5 | 25.5 | -.6 | 18.9 | -.6 | 0 | 0 | -.1 | 5 | 362 | 98 |
| TURKEY | | | | | | | | | | | | | | | | |
| 17022 ZONGULDAK | 4127N | 03148E | 137 | | 998.4 | 1014.3 | 21.5 | .0 | 19.9 | 1.4 | 2 | 30 | -.50 | 1 | 356 | 110 |
| 17030 SAMSUN | 4117N | 03618E | 4 | | 1012.9 | 1013.4 | 23.0 | .3 | 20.8 | -.3 | 2 | 9 | -.19 | 2 | 278 | 110 |
| 17034 GIRESUN | 4055N | 03823E | 37 | | 1007.1 | 1011.5 | 22.0 | -.4 | 19.8 | -.12 | 7 | 122 | 47 | 4 | | |
| 17040 RIZE | 4102N | 04031E | 9 | | 1011.5 | 1012.5 | 22.4 | .2 | 21.8 | .6 | 14 | 182 | 47 | 5 | 85 | 55 |
| 17050 EDIRNE | 4140N | 02634E | 51 | | 1009.3 | 1015.3 | 23.8 | -.4 | 17.2 | .8 | 5 | 62 | 36 | 5 | 347 | 100 |
| 17062 ISTANBUL/GOZTEPE | 4058N | 02905E | 33 | | 1009.3 | 1013.1 | 23.9 | .7 | 21.8 | 2.1 | 01 | 1 | -.18 | 1 | 354 | 105 |
| 17074 KASTAMONU | 4122N | 03347E | 800 | | 923.7 | 1012.8 | 19.6 | -.1 | 11.8 | -.6 | 2 | 7 | -.26 | 1 | 328 | 100 |
| 17084 CORUM | 4033N | 03457E | 776 | | 924.6 | 1010.7 | 20.6 | .0 | 15.7 | 2.8 | 3 | 9 | -.10 | 2 | 298 | 95 |
| 17090 SIVAS | 3945N | 03701E | 1285 | | 870.1 | 1008.2 | 19.3 | -.4 | 13.6 | 2.0 | 01 | 1 | -.8 | 2 | 370 | 95 |
| 17092 ERZINCAN | 3942N | 03931E | 1154 | | 873.7 | 1002.2 | 24.2 | .6 | 17.1 | 4.4 | 2 | 14 | 4 | 4 | 315 | 85 |
| 17096 ERZURUM | 3957N | 04110E | 1758 | | 821.8 | 1003.2 | 20.3 | .8 | 14.6 | 3.1 | 6 | 21 | -.6 | 3 | 321 | 90 |
| 17098 KARS | 4033N | 04305E | 1795 | | 819.3 | 1004.3 | 17.5 | .2 | 13.5 | .7 | 9 | 74 | 25 | 5 | 309 | 90 |
| 17112 CANAKKALE | 4008N | 02624E | 6 | | 1014.1 | 1014.4 | 24.8 | .3 | 23.5 | 3.7 | 1 | 8 | -.9 | 4 | 354 | 90 |
| 17116 BURSA | 4011N | 02904E | 100 | | 1001.1 | 1012.6 | 24.2 | .1 | 16.7 | -.8 | 1 | 2 | -.14 | 1 | 351 | 100 |
| 17130 ANKARA/CENTRAL | 3957N | 03253E | 891 | | 912.1 | 1009.1 | 23.2 | .3 | 13.5 | 1.6 | 1 | 2 | -.11 | 1 | 363 | 95 |
| 17170 VAN | 3827N | 04319E | 1669 | | 828.7 | 1000.3 | 22.3 | .4 | 12.7 | 1.0 | 3 | 22 | 18 | 6 | 375 | 95 |
| 17188 USAK | 3841N | 02924E | 919 | | 907.9 | 1007.6 | 23.2 | .1 | 14.9 | .3 | 2 | 43 | 26 | 5 | | |
| 17190 AFYON | 3845N | 03032E | 1034 | | 895.9 | 1007.6 | 22.2 | -.5 | 15.7 | 3.5 | 2 | 6 | -.10 | 2 | 346 | 95 |
| 17199 MALATYA/BOLGE | 3821N | 03819E | 948 | | 901.7 | 1002.7 | 27.2 | | 13.2 | | 2 | 7 | 5 | 5 | 367 | 90 |
| 17210 SIIRT | 3755N | 04157E | 896 | | 904.9 | 999.5 | 30.1 | -.3 | 14.7 | 3.9 | 0 | 0 | -.1 | 4 | 357 | 90 |
| 17220 IZMIR/GUZELYALI | 3826N | 02710E | 29 | | 1005.5 | 1008.8 | 28.1 | .6 | | | 0 | 0 | -.7 | 4 | | |
| 17240 ISPARTA | 3745N | 03033E | 997 | | 899.5 | 1006.8 | 24.0 | .8 | 13.4 | 1.1 | 1 | 4 | -.7 | 2 | 346 | 90 |
| 17244 KONYA | 3758N | 03233E | 1032 | | 896.4 | 1007.4 | 23.2 | -.1 | 12.7 | .6 | 0 | 0 | -.7 | 2 | 349 | 95 |
| 17250 NIGDE | 3758N | 03441E | 1210 | | 877.8 | 1007.2 | 22.3 | .3 | 11.6 | .4 | 1 | 2 | -.3 | 3 | 364 | 95 |
| 17255 KAHRAMANMARAS | 3736N | 03656E | 572 | | 942.0 | 1004.2 | 28.6 | .7 | 25.3 | 7.5 | 0 | 0 | -.2 | 4 | 327 | 105 |
| 17270 SANLIURFA | 3708N | 03846E | 549 | | 941.0 | 999.6 | 32.2 | .7 | | | 0 | 0 | -.2 | 5 | 377 | 95 |
| 17280 DIYARBAKIR | 3753N | 04012E | 687 | | 926.3 | 998.1 | 31.4 | .3 | 11.0 | -.2 | 2 | 6 | 5 | 6 | 375 | 95 |
| 17285 HAKKARI | 3734N | 04346E | 1728 | | 822.5 | 999.2 | 24.8 | .1 | 10.3 | -.6 | 1 | 6 | 3 | 4 | 385 | 105 |
| 17292 MUGLA | 3713N | 02822E | 646 | | 936.0 | 1006.7 | 25.9 | .0 | 16.8 | 3.0 | 3 | 16 | 7 | 5 | 278 | 75 |
| 17300 ANTALYA | 3652N | 03044E | 64 | | 998.8 | 1004.5 | 28.9 | .8 | 21.5 | .3 | 0 | 0 | -.5 | 4 | 376 | 100 |
| 17340 MERSIN | 3648N | 03438E | 3 | | 1005.2 | 1005.6 | 28.5 | 1.1 | 30.8 | 2.7 | 3 | 4 | -.9 | 4 | 319 | 105 |
| 17351 ADANA/BOLGE | 3659N | 03521E | 27 | | 1002.8 | 1005.9 | 27.9 | | 29.7 | | 2 | 41 | 5 | 5 | 312 | 90 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| CYPRUS 17609 LARNACA AIRPORT | 3453N | 03338E | 2 | | 1005.9 | 1006.2 | 27.5 | .9 | 25.0 | | | 2 | 2 | | 402 | 104 |
| RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | |
| 22113 MURMANSK | 6858N | 03303E | 51 | | 1007.8 | 1013.9 | 11.9 | -.7 | 10.6 | .0 | 16 | 98 | 37 | 5 | 207 | 88 |
| 22165 KANIN NOS | 6839N | 04318E | 49 | | 1006.6 | 1012.6 | 8.3 | -.7 | 10.0 | .0 | 9 | 40 | 5 | 4 | 149 | 65 |
| 22217 KANDALAKSHA | 6709N | 03221E | 25 | | 1011.4 | 1014.4 | 13.5 | -.9 | 11.4 | -.5 | 9 | 43 | -23 | 2 | 255 | 91 |
| 22235 KRASNOSCEL'E | 6721N | 03703E | 156 | | 994.8 | 1013.6 | 12.0 | | 10.4 | | 12 | 86 | | | 209 | 80 |
| 22471 MEZEN' | 6552N | 04413E | 19 | | 1010.5 | 1012.8 | 12.5 | | 11.9 | | 16 | 63 | | 4 | 239 | 85 |
| 22550 ARHANGEL'SK | 6433N | 04035E | 4 | | 1013.1 | 1014.1 | 14.0 | -1.7 | 12.4 | -.9 | 12 | 77 | 16 | 4 | 263 | 87 |
| 22619 PADANY | 6316N | 03325E | 128 | | 999.9 | 1015.3 | 15.8 | | 11.7 | | 11 | 33 | | 1 | 300 | |
| 22641 ONEGA | 6354N | 03807E | 13 | | 1013.0 | 1014.5 | 14.9 | -1.3 | 12.2 | -1.0 | 9 | 29 | -34 | 1 | 272 | 88 |
| 22676 SURA | 6335N | 04538E | 62 | | 1004.9 | 1012.0 | 14.2 | | 11.6 | | 9 | 41 | | 1 | | |
| 22768 SHENKURSK | 6206N | 04254E | 45 | | 1008.0 | 1013.4 | 15.2 | | 12.5 | | 13 | 56 | | 3 | 337 | 115 |
| 22802 SORTAVALA | 6143N | 03043E | 19 | | 1015.0 | 1017.2 | 17.2 | .7 | 13.6 | -.1 | 7 | 20 | -36 | 1 | 351 | 117 |
| 22820 PETROZAVODSK | 6149N | 03416E | 110 | | 1002.8 | 1016.1 | 16.1 | .1 | 12.6 | -.6 | 12 | 75 | 5 | 3 | 294 | 102 |
| 22837 VYTEGRA | 6101N | 03627E | 56 | | 1009.1 | 1015.8 | 16.2 | -.4 | 12.8 | -1.3 | 7 | 38 | -30 | 1 | 327 | 113 |
| 26063 ST.PETERSBURG (VOEJKOVO) | 5958N | 03018E | 6 | | 1016.8 | 1017.5 | 19.2 | 1.5 | 13.7 | -.8 | 5 | 17 | -60 | 1 | 303 | 113 |
| 26157 GDOV | 5844N | 02750E | 40 | | 1013.9 | 1018.6 | 18.8 | | 13.7 | | 4 | 6 | | | 370 | |
| 26275 STARAYA RUSSA | 5801N | 03119E | 25 | | 1014.8 | 1017.7 | 18.4 | | 14.6 | | 5 | 35 | | | 347 | 115 |
| 26359 PUSKINSKIE GORY | 5701N | 02854E | 108 | | 1006.0 | 1018.8 | 19.2 | | 14.5 | | 2 | 12 | | | | |
| 26781 SMOLENSK | 5445N | 03204E | 239 | | 990.1 | 1017.9 | 17.8 | 1.0 | 14.8 | -.1 | 8 | 50 | -45 | | 321 | 124 |
| 26997 TRUBCHEVSK | 5235N | 03346E | 178 | | 997.0 | 1017.9 | 18.2 | | 17.3 | | 9 | 57 | | 3 | | |
| 27037 VOLOGDA | 5919N | 03955E | 130 | | 999.8 | 1015.2 | 15.7 | -1.3 | 13.5 | -1.3 | 7 | 36 | -41 | 1 | 303 | 111 |
| 27051 TOT'MA | 5953N | 04245E | 134 | | 997.9 | 1013.8 | 15.6 | -1.1 | 13.4 | -.9 | 7 | 52 | -28 | 2 | 265 | 97 |
| 27333 KOSTROMA | 5744N | 04047E | 126 | | 1000.1 | 1015.0 | 16.6 | -1.3 | 14.0 | -.9 | 9 | 45 | -37 | 2 | 263 | 93 |
| 27459 NIZHNII NOVGOROD | 5616N | 04400E | 157 | | 995.3 | 1013.9 | 17.4 | | 14.0 | | 12 | 83 | | 1 | | |
| 27595 KAZAN' | 5536N | 04917E | 116 | | 998.4 | 1012.3 | 18.1 | -1.5 | 13.0 | -2.4 | 11 | 63 | -5 | 3 | 290 | 100 |
| 27612 MOSKVA | 5550N | 03737E | 156 | | 998.4 | 1016.7 | 18.0 | -.2 | 15.2 | .3 | 7 | 35 | -58 | | | |
| 27648 ELAT'MA | 5457N | 04146E | 136 | | 999.3 | 1015.3 | 17.0 | -1.5 | 14.7 | -.8 | 9 | 64 | -21 | 2 | 283 | 100 |
| 27675 PORETSKOE | 5511N | 04620E | 136 | | 997.3 | 1013.3 | 17.0 | | 14.8 | | 11 | 78 | | 3 | 282 | |
| 27707 SUHINICHI | 5406N | 03521E | 238 | | 989.6 | 1017.6 | 17.6 | | 14.6 | | 7 | 51 | | | | |
| 27823 PAVELETS | 5347N | 03915E | 209 | | 991.8 | 1016.4 | 17.4 | -.8 | 14.0 | -.9 | 7 | 101 | 26 | 4 | 299 | 111 |
| 27857 ZAMETCHINO | 5329N | 04238E | 131 | | 999.5 | 1015.0 | 17.6 | | 13.1 | | 10 | 111 | | 5 | 284 | 100 |
| 27995 SAMARA (BEZENCHUK) | 5259N | 04926E | 46 | | 1007.5 | 1012.9 | 19.0 | | 13.7 | | 10 | 42 | | 3 | 323 | 105 |
| 34110 BOGORODITSKOE-FENINO | 5110N | 03721E | 226 | | 990.4 | 1016.8 | 18.5 | | 13.8 | | 4 | 15 | | 1 | 339 | |
| 34123 VORONEZ | 5142N | 03913E | 149 | | 999.1 | 1016.6 | 18.9 | | 13.6 | | 10 | 78 | | 4 | | |
| 34152 BALASHOV | 5133N | 04309E | 159 | | 996.3 | 1014.9 | 18.8 | | 13.7 | | 6 | 44 | | 3 | | |
| 34163 OKTJABR'SKIJ GORODOK | 5138N | 04527E | 201 | | 990.9 | 1014.3 | 18.1 | | 13.1 | | 3 | 17 | | 1 | 340 | 111 |
| 34186 ERSHOV | 5122N | 04818E | 111 | | 1000.3 | 1013.3 | 20.2 | | 11.7 | | 3 | 16 | | 1 | 345 | 105 |
| 34579 VERHNII BASKUNCHAK | 4813N | 04644E | 34 | | 1012.6 | 1013.4 | 23.6 | | 12.4 | | 3 | 15 | | 3 | | |
| 34720 TAGANROG | 4712N | 03854E | 32 | | 1011.2 | 1014.9 | 22.6 | | 15.8 | | 6 | 26 | | | 186 | |
| 34740 GIGANT | 4631N | 04121E | 79 | | 1004.8 | 1013.9 | 22.5 | | 13.8 | | 5 | 33 | | | 320 | |
| 34866 YASHKUL' | 4611N | 04521E | -7 | | 1014.3 | 1013.5 | 24.7 | -.9 | 14.0 | -1.8 | 1 | 2 | -28 | | | |
| 34927 KRASNODAR-KRUGLIK | 4503N | 03902E | 29 | | 1009.9 | 1013.3 | 22.8 | | 16.0 | | 5 | 125 | | 5 | 338 | 110 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|-------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 34949 STAVROPOL' | 4507N | 04205E | 452 | | 961.8 | 1013.0 | 21.5 | | 13.2 | | 4 | 25 | | | 313 | |
| 37001 ANAPA | 4453N | 03717E | 32 | | 1009.3 | 1013.1 | 22.6 | | 19.2 | | 5 | 30 | | 4 | | |
| 37061 BUDENNOVSK | 4447N | 04408E | 136 | | 997.0 | 1012.5 | 24.2 | | 13.5 | | 2 | 5 | | | 292 | |
| 37107 KRASNAYA POLYANA | 4341N | 04012E | 569 | | 948.4 | 1012.6 | 19.5 | | 18.5 | | 11 | 248 | | | 245 | |
| 37126 SHADZHATMAZ | 4344N | 04240E | 2056 | | 796.2 | 1508 Y | 10.1 | | 11.2 | | 15 | 97 | | | 169 | |
| 37228 VLADIKAVKAZ | 4303N | 04439E | 703 | | 933.6 | 1012.1 | 19.5 | | 17.2 | | 12 | 248 | | | 151 | |
| 37470 DERBENT | 4204N | 04818E | -18 | | 1015.4 | 1013.2 | 25.2 | | 23.6 | | 6 | 90 | | 5 | 251 | 90 |
| 37472 MAHACHKALA | 4250N | 04733E | 32 | | 1011.9 | 1014.1 | 24.3 | -.5 | 21.0 | .6 | 2 | 41 | 15 | 4 | 236 | 84 |
| 37663 AHTY | 4128N | 04745E | 1015 | | 900.0 | 1480 Y | 19.5 | | 16.4 | | 6 | 86 | | 5 | 256 | 95 |
| ARMENIA | | | | | | | | | | | | | | | | |
| 37789 YEREVAN/YEREVAN-ARABKIR | 4008N | 04428E | 1140 | | 885.7 | 1470 Y | 24.9 | -1.1 | 16.4 | 2.1 | 2 | 65 | 55 | 5 | | |
| AZERBAIJAN | | | | | | | | | | | | | | | | |
| 37661 SHAKI | 4113N | 04710E | 641 | | 940.0 | 1011.2 | 24.0 | .0 | 21.2 | 4.6 | 6 | 142 | 81 | | | |
| 37735 GANDJA | 4043N | 04625E | 311 | | 974.9 | 1009.9 | 25.6 | .2 | 17.3 | -.6 | 3 | 50 | 27 | | 270 | |
| 37860 MASHTAGA | 4032N | 05000E | 28 | | 1006.9 | 1010.0 | 25.5 | 1.5 | 16.4 | -4.4 | 141 | 139 | | | 321 | 103 |
| 37989 ASTARA | 3827N | 04853E | -22 | | 1013.9 | 1011.3 | 25.2 | 1.0 | 27.4 | 6.4 | 4 | 126 | 92 | | 270 | 95 |
| BELARUS | | | | | | | | | | | | | | | | |
| 26554 VERHNEDVINSK | 5549N | 02757E | 132 | | 1003.4 | 1018.9 | 19.1 | | 15.0 | | 9 | 76 | | 3 | 363 | |
| 26666 VITEBSK | 5510N | 03013E | 176 | | 997.7 | 1018.1 | 19.6 | 2.5 | 14.5 | -.1 | 7 | 43 | -49 | 1 | | |
| 26825 GRODNO | 5336N | 02403E | 134 | | 1002.2 | 1019.3 | 21.3 | | 14.1 | | 3 | 10 | | 0 | | |
| 26850 MINSK | 5356N | 02738E | 231 | | 992.7 | 1018.5 | 20.4 | 3.1 | 14.0 | .0 | 5 | 76 | -12 | 3 | 347 | 134 |
| 26863 MOGILEV | 5357N | 03004E | 192 | | 995.7 | 1018.2 | 19.0 | 1.7 | 14.4 | -.1 | 9 | 84 | -1 | 3 | | |
| 26941 BARANOVICHI | 5307N | 02600E | 193 | | 996.6 | 1019.0 | 20.6 | | 14.6 | | 6 | 60 | | 2 | | |
| 26951 SLUTSK | 5302N | 02733E | 162 | | 999.7 | 1018.5 | 20.1 | | 15.0 | | 6 | 58 | | 3 | | |
| 33008 BREST | 5207N | 02341E | 146 | | 1002.2 | 1019.0 | 22.5 | 4.5 | 14.0 | -.5 | 6 | 32 | -48 | 1 | 361 | 139 |
| 33019 PINSK | 5207N | 02607E | 142 | | 1002.0 | 1018.6 | 21.2 | | 14.5 | | 9 | 99 | | 4 | 354 | 135 |
| 33036 MOZYR | 5157N | 02910E | 190 | | 996.5 | 1018.2 | 20.5 | | 14.5 | | 5 | 75 | | 3 | | |
| 33038 VASILEVICHY | 5215N | 02950E | 142 | | 1002.0 | 1018.5 | 19.8 | 1.7 | 14.8 | -.2 | 4 | 74 | -14 | 2 | 353 | 130 |
| 33041 GOMEL | 5224N | 03057E | 126 | | 1003.7 | 1018.5 | 20.4 | 2.0 | 15.0 | .1 | 7 | 43 | -39 | 1 | 359 | 138 |
| GEORGIA | | | | | | | | | | | | | | | | |
| 37279 ZUGDIDI | 4231N | 04153E | 118 | | 998.7 | 1012.2 | 21.7 | | 19.9 | | 16 | | | | | |
| 37395 KUTAISI | 4216N | 04238E | 114 | | 999.9 | 1013.1 | 21.8 | | 20.5 | | 14 | 209 | | | | |
| 37404 ZESTAFONT | 4208N | 04301E | 148 | | 995.0 | 1012.1 | 22.2 | | 19.5 | | 13 | 109 | | | | |
| 37432 PASANAUARI | 4221N | 04442E | 1070 | | 897.0 | 1502 Y | 18.7 | | 17.7 | | 13 | 52 | | | | |
| 37484 BATUMI | 4139N | 04138E | 2 | | 1011.5 | 1012.4 | 21.7 | | 21.8 | | 14 | 189 | | | | |
| 37545 TBILISI | 4145N | 04446E | 427 | | 962.8 | 1011.0 | 23.2 | | 15.5 | | 8 | 36 | | | | |
| 37621 BOLNISI | 4127N | 04433E | 534 | | 949.8 | 1010.0 | 23.3 | | 17.0 | | 11 | 57 | | | | |
| KAZAKHSTAN | | | | | | | | | | | | | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|----------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|--------|------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | MEAN | DEPART | MEAN | DEPART | QUINTILE | TOTAL | % of AV. |
| 34398 ZHALPAKTAL | 4940N | 04929E | 10 | | 1011.5 | 1012.7 | 22.3 | -1.8 | 11.7 | -1.9 | | | 3 | 18 | -4 | | |
| LATVIA | | | | | | | | | | | | | | | | | |
| 26346 ALUKSNE | 5726N | 02702E | 193 | | 995.2 | 1018.5 | 18.8 | | 12.4 | | | | 5 | 27 | | 337 | 125 |
| 26406 LIEPAJA | 5629N | 02101E | 7 | | 1019.3 | 1019.9 | 18.9 | 2.5 | 15.7 | 1.7 | | 2 | 10 | -64 | 377 | 135 | |
| 26544 DAUGAVPILS | 5552N | 02637E | 122 | | 1004.3 | 1018.8 | 19.5 | 2.6 | 14.1 | .1 | | 6 | 58 | -25 | 354 | 139 | |
| LITHUANIA | | | | | | | | | | | | | | | | | |
| 26509 KLAIPEDA | 5544N | 02104E | 7 | | 1018.9 | 1019.8 | 19.6 | 3.0 | 16.6 | 1.5 | | 3 | 11 | -63 | 0 | 383 | 140 |
| 26524 SIAULIAI | 5556N | 02319E | 107 | | 1006.7 | 1019.3 | 20.8 | 4.1 | 15.9 | 1.7 | | 5 | 24 | -50 | 1 | 361 | 138 |
| 26629 KAUNAS | 5453N | 02350E | 770 | | | 1019.3 | 20.9 | 4.0 | 15.0 | .2 | | 5 | 71 | -9 | 3 | 358 | 140 |
| 26730 VILNIUS | 5438N | 02506E | 162 | | 1000.8 | 1019.0 | 20.8 | 3.9 | 13.8 | -.2 | | 5 | 45 | -33 | 2 | 331 | 151 |
| REPUBLIC OF MOLDOVA | | | | | | | | | | | | | | | | | |
| 33748 CORNESTI | 4720N | 02805E | 232 | | 990.3 | 1017.2 | 21.3 | .8 | 15.8 | | | 9 | 107 | 51 | 4 | | |
| 33815 CHISINAU | 4701N | 02859E | 173 | | 996.3 | 1017.1 | 22.1 | 1.2 | 15.0 | -.5 | | 5 | 53 | -16 | 2 | 347 | 116 |
| 33829 TIRASPOL | 4654N | 02936E | 40 | | 1012.1 | 1016.9 | 22.1 | 1.2 | 15.5 | .0 | | 7 | 42 | -27 | 2 | 342 | 114 |
| 33883 KOMRAT | 4618N | 02838E | 133 | | 1001.1 | 1016.8 | 22.6 | .3 | 15.3 | -.6 | | 4 | 10 | -46 | 0 | | |
| UKRAINE | | | | | | | | | | | | | | | | | |
| 33275 SUMY | 5051N | 03440E | 181 | | 996.1 | 1017.4 | 19.2 | .1 | 15.4 | | | 6 | 48 | -29 | 2 | | |
| 33301 RIVNE | 5035N | 02608E | 231 | | 992.1 | 1019.0 | 20.3 | 2.6 | 15.0 | | | 4 | 127 | 43 | 5 | | |
| 33345 KIEV | 5024N | 03034E | 167 | | 998.5 | 1018.0 | 21.0 | 1.7 | 15.6 | .1 | | 7 | 68 | -20 | 3 | | |
| 33377 LUBNY | 5000N | 03301E | 158 | | 999.0 | 1017.4 | 20.0 | .3 | 14.7 | | | 6 | 26 | -49 | 1 | | |
| 33393 L'VIV | 4949N | 02357E | 323 | | 982.0 | 1019.3 | 20.0 | 2.7 | 15.2 | .5 | | 6 | 111 | 9 | 4 | 341 | 134 |
| 33415 TERNOPILO' | 4932N | 02540E | 329 | | 981.2 | 1019.2 | 19.8 | 2.5 | 15.1 | | | 6 | 51 | -41 | 1 | | |
| 33429 KHMEL'NYTS'KYI | 4926N | 02659E | 350 | | 978.4 | 1018.8 | 19.8 | 1.8 | 15.7 | | | 6 | 44 | -63 | 1 | | |
| 33506 POLTAVA | 4936N | 03433E | 160 | | 998.6 | 1017.2 | 20.6 | .5 | 14.2 | -.9 | | 4 | 14 | -57 | 0 | 348 | 116 |
| 33526 IVANO-FRANKIVSK | 4858N | 02424E | 280 | | 986.9 | 1019.3 | 19.9 | 2.0 | 16.2 | | | 7 | 68 | -35 | 1 | | |
| 33562 VINNYTSIA | 4914N | 02836E | 298 | | 983.8 | 1018.2 | 19.6 | 1.4 | 15.1 | .0 | | 6 | 47 | -46 | 1 | 345 | 129 |
| 33587 UMAN' | 4846N | 03014E | 216 | | 993.1 | 1018.2 | 20.2 | 1.3 | 14.6 | -1.0 | | 7 | 41 | -46 | 1 | | |
| 33631 UZHGOROD | 4838N | 02216E | 124 | | 1005.0 | 1018.6 | 22.7 | 2.8 | 16.5 | 1.2 | | 3 | 11 | -74 | 0 | 362 | 132 |
| 33658 CHERNIVTSI | 4822N | 02554E | 246 | | 990.2 | 1018.7 | 20.5 | 1.8 | 16.7 | 1.4 | | 7 | 42 | -61 | 1 | 335 | 136 |
| 33711 KIROVOHRAD | 4831N | 03212E | 171 | | 997.4 | 1017.3 | 20.5 | .5 | 14.3 | | | 1 | 4 | -68 | 1 | | |
| 33777 VOZNESENS'K | 4734N | 03120E | 34 | | 1013.0 | 1016.9 | 22.5 | | 15.6 | | | 5 | 45 | | 2 | | |
| 33791 KRYVYI RIH | 4802N | 03313E | 124 | | 1002.2 | 1016.8 | 20.8 | -.3 | 14.4 | | | 4 | 69 | 15 | 4 | 349 | 115 |
| 33837 ODESA | 4626N | 03046E | 42 | | 1011.6 | 1016.8 | 22.6 | 1.1 | 16.4 | -.6 | | 5 | 61 | 12 | 4 | 362 | 115 |
| 33889 IZMAIL | 4522N | 02851E | 30 | | 1013.2 | 1016.7 | 22.7 | .9 | 16.0 | -.8 | | 6 | 11 | -40 | 1 | 325 | 105 |
| 33902 KHERSON | 4638N | 03234E | 54 | | 1009.3 | 1015.5 | 22.5 | .6 | 14.5 | | | 2 | 6 | -43 | 1 | 323 | 100 |
| 33915 ASKANIIA-NOVA | 4627N | 03353E | 30 | | 1012.1 | 1015.6 | 22.1 | -.2 | 14.3 | -.9 | | 6 | 21 | -21 | 2 | 344 | 109 |
| 33946 SIMFEROPOL' | 4441N | 03408E | 181 | | 993.8 | 1014.7 | 21.3 | -.1 | 15.3 | -.4 | | 6 | 36 | -19 | 2 | 346 | 101 |
| 33998 AI-PETRI | 4426N | 03405E | 1180 | | 884.2 | | 14.9 | -.2 | 11.7 | | | 6 | 43 | -12 | 3 | 316 | 90 |
| 34300 KHARKIV | 4958N | 03608E | 155 | | 998.7 | 1016.7 | 20.9 | .6 | 13.5 | -1.7 | | 5 | 27 | -33 | 1 | 327 | 120 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 34415 IZIUM | 4911N | 03718E | 78 | | 1007.1 | 1016.2 | 20.4 | | 14.7 | | 5 | 36 | 2 | | | |
| 34504 DNIROPEPETROVS'K | 4836N | 03458E | 143 | | 999.7 | 1016.7 | 21.1 | -.1 | 15.0 | | 3 | 24 | -32 | 1 | 296 | 90 |
| 34519 DONETS'K | 4804N | 03746E | 225 | | 990.2 | 1016.1 | 19.8 | -1.0 | 12.9 | | 7 | 40 | -8 | 3 | | |
| 34523 LUHANS'K | 4834N | 03915E | 62 | | 1008.4 | 1015.6 | 20.4 | -1.3 | 15.2 | | 8 | 53 | 2 | 3 | 313 | 100 |
| 34712 MARIUPOL' | 4702N | 03730E | 70 | | 1007.1 | 1015.1 | 21.5 | | 16.5 | | 7 | 32 | | 2 | | |
| SYRIAN ARAB REPUBLIC | | | | | | | | | | | | | | | | |
| 40001 KAMISHLI | 3703N | 04113E | 455 | | 952.2 | 1001.3 | 32.4 | .2 | 10.5 | .5 | 0 | 0 | -1 | | | |
| 40007 ALEPO INT. AEROPORT | 3611N | 03712E | 393 | | 960.1 | 1002.6 | 28.6 | .3 | 22.9 | | 00 | 0 | -1 | 0 | | |
| 40022 LATTAKIA | 3532N | 03546E | 7 | | 1004.2 | 1005.0 | 26.9 | .6 | 26.8 | 1.1 | 1 | 1 | 0 | 0 | | |
| 40030 HAMA | 3507N | 03645E | 303 | | 971.7 | 1002.0 | 28.2 | .0 | 16.9 | 3.2 | 0 | 0 | -1 | | | |
| 40045 DEIR EZZOR | 3519N | 04009E | 215 | | 979.4 | 1001.9 | 33.0 | .4 | 13.3 | 2.1 | 0 | 0 | 0 | | | |
| 40061 PALMYRA | 3433N | 03818E | 408 | | 957.9 | 1002.1 | 29.4 | .0 | 15.0 | 1.9 | 0 | 0 | 0 | | 403 | 106 |
| ISRAEL | | | | | | | | | | | | | | | | |
| 40180 BEN-GURION INT. AIRPORT | 3200N | 03454E | 49 | | 1004.1 | 1008.1 | 26.8 | | 21.8 | | 0 | 0 | | 5 | | |
| 40199 EILAT | 2933N | 03457E | 12 | | 1005.5 | 1005.8 | 33.6 | 1.2 | 14.5 | | 0 | 0 | | 5 | 356 | 90 |
| JORDAN | | | | | | | | | | | | | | | | |
| 40250 H-4 'IRWAISHED' | 3230N | 03812E | 683 | | 928.9 | 1002.5 | 29.2 | | | | 0 | 0 | | | 394 | 100 |
| 40265 MAFRAQ | 3222N | 03615E | 683 | | 932.5 | 1008.0 | 24.4 | | | | 0 | 0 | | | 364 | 95 |
| 40296 GHOR SAFI | 3102N | 03528E | -350 | | 1050.4 | 1010.3 | 34.1 | | | | 0 | 0 | | | 363 | 100 |
| 40310 MA'AN | 3010N | 03547E | 1069 | | 890.5 | 1475 Y | 25.0 | -.5 | | | 0 | 0 | 0 | | 382 | 99 |
| ASIA | | | | | | | | | | | | | | | | |
| RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | |
| 20069 OSTROV VIZE | 7930N | 07659E | 10 | | 1007.6 | 1008.8 | .6 | .1 | 6.1 | .1 | 13 | 41 | 17 | 5 | 101 | 81 |
| 20087 OSTROV GOLOMJANNYJ | 7933N | 09037E | 8 | | 1008.5 | 1009.5 | .9 | | 6.2 | | 6 | 29 | | 4 | 149 | 95 |
| 20292 GMO IM.E.K. FEDOROVA | 7743N | 10410E | 15 | | 1009.2 | 1010.3 | 1.3 | .0 | 6.1 | -.2 | 3 | 9 | -21 | 1 | 118 | 73 |
| 20476 MYS STERLEGOMA | 7525N | 08854E | 11 | | 1007.0 | 1008.3 | 6.6 | | .9 | | 6 | 14 | | | | |
| 20667 IM. M.V. POPOVA | 7320N | 07003E | 7 | | 1006.2 | 1006.9 | 5.5 | | 8.8 | | 11 | 57 | | | | |
| 20674 OSTROV DIKSON | 7330N | 08024E | 47 | | 1001.5 | 1007.1 | 8.8 | 4.4 | 9.7 | 2.0 | 9 | 38 | 0 | 3 | 136 | 61 |
| 20744 MALYE KARMAKULY | 7222N | 05242E | 15 | | 1007.4 | 1009.1 | 5.5 | -1.4 | 8.5 | .3 | 7 | 27 | -14 | | 93 | 41 |
| 20891 HATANGA | 7159N | 10220E | 33 | | 1005.7 | 1009.7 | 15.5 | 3.0 | 12.4 | 2.6 | 4 | 44 | 12 | 4 | 276 | 90 |
| 20982 VOLOCHANKA | 7058N | 09430E | 40 | | 1004.6 | 1009.4 | 15.3 | | 12.6 | | 6 | 34 | | 3 | 237 | |
| 21432 OSTROV KOTEL'NYJ | 7600N | 13750E | 8 | | 1010.4 | 1012.3 | 2.6 | .1 | 7.0 | .2 | 2 | 9 | -22 | | | |
| 21802 SASKYLAH | 7158N | 11400E | 18 | | 1008.3 | 1010.5 | 14.2 | | 11.3 | | 2 | 9 | | | 236 | |
| 21908 DZALINDA | 7008N | 11350E | 62 | | 1002.6 | 1009.8 | 16.8 | | 11.8 | | 4 | 11 | | | 323 | 95 |
| 21946 CHOKURDAH | 7037N | 14750E | 61 | | 1002.9 | 1010.3 | 9.2 | -.3 | 9.2 | .1 | 8 | 24 | -13 | | 209 | 79 |
| 21982 OSTROV VRANGELJA | 7059N | 17820E | 5 | | 1010.1 | 1010.7 | 2.5 | .0 | 6.4 | -.1 | 6 | 27 | 5 | | 180 | 80 |
| 23022 AMDERMA | 6945N | 06142E | 49 | | 1001.5 | 1007.3 | 7.8 | | 9.9 | | 13 | 109 | | | 154 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 23032 MARESALE | 6943N | 06648E | 25 | | 1003.5 | 1006.3 | 8.7 | | 10.7 | | 14 | 37 | | | 150 | |
| 23058 ANTIPAJUTA | 6905N | 07651E | 3 | | 1006.6 | 1007.0 | 14.6 | | 12.7 | | 11 | 33 | | | | |
| 23074 DUDINKA | 6924N | 08610E | 19 | | 1006.3 | 1008.6 | 16.4 | 2.6 | 12.1 | 1.0 | 3 | 48 | 3 | 3 | 324 | 105 |
| 23205 NAR'JAN-MAR | 6738N | 05302E | 12 | | 1008.1 | 1009.5 | 11.0 | -2.3 | 10.2 | -1.0 | 14 | 97 | 49 | 6 | 141 | 53 |
| 23242 NOVYJ PORT | 6741N | 07253E | 12 | | 1004.2 | 1005.6 | 13.8 | | 13.7 | | 9 | 18 | | | 249 | |
| 23256 TAZOVSKOE | 6728N | 07844E | 8 | | 1003.4 | 1006.7 | 16.3 | | 12.5 | | 7 | 18 | | | 340 | |
| 23274 IGARKA | 6728N | 08634E | 31 | | 1004.8 | 1008.4 | 17.2 | | 13.1 | | 9 | 51 | | 3 | 372 | 115 |
| 23324 PETRUN' | 6626N | 06046E | 62 | | 999.8 | 1007.2 | 12.9 | | 12.1 | | 16 | 121 | | 5 | 194 | 65 |
| 23330 SALEHARD | 6632N | 06640E | 16 | | 1003.4 | 1005.5 | 14.4 | .0 | 13.0 | 1.0 | 15 | 127 | 58 | | 238 | 78 |
| 23383 AGATA | 6653N | 09328E | 278 | | 975.6 | 1008.1 | 16.2 | | 11.6 | | 5 | 27 | | 2 | | |
| 23405 UST'-CIL'MA | 6526N | 05216E | 68 | | 1000.8 | 1010.4 | 12.2 | -3.1 | 11.0 | -1.6 | 12 | 118 | 52 | 6 | 181 | 65 |
| 23445 NADYM | 6528N | 07240E | 19 | | 1003.0 | 1005.2 | 16.2 | | 12.8 | | 14 | 118 | | | | |
| 23463 YANOV-STAN | 6559N | 08416E | 40 | | 1002.1 | 1006.9 | 16.9 | | 14.3 | | 3 | 15 | | 1 | | |
| 23472 TURUHANSK | 6547N | 08756E | 38 | | 1003.6 | 1008.1 | 18.1 | 1.5 | 13.7 | 1.0 | 9 | 52 | -9 | 3 | 342 | 107 |
| 23552 TARKO-SALE | 6455N | 07749E | 27 | | 1003.0 | 1006.2 | 17.7 | 1.4 | 12.9 | .2 | 10 | 50 | -13 | 0 | 292 | 99 |
| 23631 BEREZOVO | 6356N | 06503E | 32 | | 1001.0 | 1004.8 | 15.6 | -1.1 | 14.2 | .3 | 15 | 160 | 92 | 6 | 265 | 85 |
| 23662 TOL'KA | 6359N | 08205E | 33 | | 1002.9 | 1006.8 | 17.6 | | 13.3 | | 6 | 46 | | | 332 | |
| 23678 VERHNEIMBATSK | 6309N | 08757E | 46 | | 1002.1 | 1007.5 | 18.3 | | 13.7 | | 7 | 75 | | 4 | | |
| 23711 TROICKO-PECHERSKOE | 6242N | 05612E | 139 | | 992.2 | 1008.4 | 13.7 | -2.8 | 12.3 | -1.1 | 15 | 107 | 35 | 5 | 221 | 78 |
| 23724 NJAKSIMVOL' | 6226N | 06052E | 51 | | 999.5 | 1005.6 | 15.3 | -1.7 | 13.8 | .2 | 13 | 114 | 38 | | 213 | 73 |
| 23734 OKTJABR'SKOE | 6227N | 06603E | 72 | | 995.8 | 1004.3 | 16.1 | | 13.9 | | 11 | 157 | | | 244 | |
| 23867 LAR' YAK | 6106N | 08015E | 57 | | 999.4 | 1006.0 | 18.8 | | 14.0 | | 10 | 64 | | | 348 | |
| 23884 BOR | 6136N | 09001E | 58 | | 1000.0 | 1006.7 | 19.2 | 1.1 | 15.2 | 1.4 | 7 | 47 | -19 | 2 | 278 | 93 |
| 23891 BAJKIT | 6140N | 09622E | 262 | | 978.4 | 1008.6 | 19.1 | 2.1 | 14.9 | 2.5 | 4 | 28 | -25 | 2 | 295 | 102 |
| 23914 CHERDYN' | 6024N | 05631E | 207 | | 984.3 | 1008.8 | 14.8 | -2.6 | 13.2 | -.4 | 14 | 100 | 14 | 4 | 226 | 78 |
| 23921 IVDEL' | 6041N | 06027E | 95 | | 995.3 | 1006.4 | 15.7 | -1.7 | 13.6 | 1.2 | 13 | 86 | -3 | 3 | 231 | 82 |
| 23933 HANTY-MANSIJSK | 6101N | 06902E | 46 | | 1000.0 | 1004.8 | 17.0 | -1.1 | 14.2 | -.6 | 10 | 94 | 13 | | 244 | 80 |
| 23955 ALEKSANDROVSKOE | 6026N | 07752E | 48 | | 1000.2 | 1005.9 | 18.2 | .1 | 14.5 | -.5 | 10 | 64 | 1 | | 353 | 116 |
| 23966 VANZIL'-KYNAK | 6021N | 08405E | 99 | | 995.0 | 1007.1 | 18.4 | | 14.4 | | 8 | 56 | | | 294 | 105 |
| 23986 SEVERO-ENISEJSK | 6023N | 09320E | 519 | | 948.1 | 1006.9 | 18.2 | | 13.0 | | 4 | 11 | | 0 | | |
| 24125 OLENEK | 6830N | 11220E | 220 | | 983.7 | 1009.4 | 16.9 | 2.0 | 8.3 | -1.9 | 6 | 23 | -27 | | 324 | 97 |
| 24136 SUHANA | 6837N | 11820E | 77 | | 1000.4 | 1009.5 | 15.5 | | 12.6 | | 8 | 58 | | | 307 | 85 |
| 24143 DZARDZAN | 6844N | 12400E | 39 | | 1003.4 | 1008.0 | 15.7 | 1.1 | 13.6 | 2.4 | 7 | 46 | 6 | | | |
| 24266 VERHOJANSK | 6733N | 13320E | 137 | | 992.0 | 1008.2 | 15.1 | -.1 | 12.3 | 2.1 | 7 | 70 | 34 | | 274 | 84 |
| 24329 SHELAGONTSY | 6615N | 11410E | 236 | | 981.9 | 1009.6 | 15.3 | .8 | 12.0 | 1.6 | 11 | 75 | 18 | | 291 | 99 |
| 24343 ZHIGANSK | 6646N | 12320E | 92 | | 996.6 | 1007.4 | 16.6 | .7 | 14.2 | 2.8 | 11 | 51 | 4 | | 254 | 72 |
| 24382 UST'-MOMA | 6627N | 14310E | 196 | | 983.6 | 1006.6 | 16.2 | | 11.0 | | 2 | 11 | | | 373 | 115 |
| 24507 TURA | 6416N | 10010E | 168 | | 987.3 | 1008.9 | 19.3 | 2.8 | 11.3 | -.5 | 1 | 8 | -54 | 1 | | |
| 24606 KISLOKAN | 6335N | 10350E | 211 | | 984.7 | 1009.4 | 17.4 | | 10.5 | | 5 | 31 | | 2 | 314 | 105 |
| 24641 VILJUJSK | 6346N | 12130E | 111 | | 994.6 | 1007.9 | 18.1 | .0 | 14.0 | 3.1 | 9 | 47 | 1 | | 296 | 87 |
| 24661 SEGEN-KYUEL' | 6400N | 13010E | 208 | | 982.2 | 1006.5 | 17.0 | | 12.7 | | 10 | 63 | | | | |
| 24671 TOMPO | 6357N | 13550E | 402 | | 960.0 | 1006.4 | 15.5 | | 11.4 | | 11 | 32 | | | 293 | |
| 24688 OJMJAKON | 6315N | 14300E | 741 | | 922.3 | 1006.3 | 14.4 | .6 | 9.9 | .4 | 7 | 25 | -25 | | 312 | 105 |
| 24713 NAKANNO | 6253N | 10820E | 246 | | 980.6 | 1009.1 | 17.5 | | 13.3 | | 5 | 26 | | | 321 | |
| 24738 SUNTAR | 6209N | 11730E | 133 | | 991.9 | 1007.9 | 18.2 | .7 | 13.8 | 1.8 | 7 | 28 | -23 | | 337 | 104 |
| 24790 SUSUMAN | 6247N | 14810E | 655 | | 932.0 | 1006.8 | 14.7 | | 11.9 | | 15 | 100 | | | 252 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 24817 ERBOGACEN | 6116N | 10800E | 291 | | 975.1 | 1008.7 | 18.5 | 1.5 | 13.0 | .6 | 7 | 32 | -13 | | 307 | 97 |
| 24908 VANAVARA | 6020N | 10210E | 260 | | 977.9 | 1008.0 | 19.2 | 2.0 | 12.7 | .0 | 3 | 13 | -44 | 1 | 324 | 110 |
| 24959 JAKUTSK | 6201N | 12940E | 101 | | 994.5 | 1006.3 | 18.7 | .0 | 13.4 | .9 | 8 | 27 | -12 | | 353 | 102 |
| 24966 UST'-MAJYA | 6023N | 13420E | 170 | | 986.5 | 1006.3 | 17.6 | -.2 | 13.0 | -.2 | 7 | 35 | -18 | | 326 | 102 |
| 24967 TEGYULTYA | 6028N | 13000E | 171 | | 987.8 | 1007.9 | 17.0 | | 11.8 | | 6 | 23 | | | | |
| 25062 MYS BILLINGSA | 6953N | 17540E | 3 | | 1009.2 | 1009.6 | 2.3 | | 6.6 | | 10 | 76 | | | | |
| 25138 OSTROVNOC | 6807N | 16410E | 94 | | 996.5 | 1007.8 | 14.1 | | 10.9 | | 10 | 49 | | | | |
| 25173 MYS SHMIDTA | 6854N | 17920W | 4 | | 1009.5 | 1009.9 | 3.3 | -1.0 | 7.1 | -.1 | 12 | 56 | 20 | | | |
| 25206 SREDNE-KOLYMSK | 6727N | 15340E | 21 | | 1005.8 | 1008.3 | 14.6 | | 11.4 | | 10 | 61 | | | | |
| 25248 ILIRNEJ | 6715N | 16750E | 353 | | 966.1 | 1007.1 | 13.6 | 1.5 | 10.5 | 1.0 | 6 | 19 | -27 | | | |
| 25282 MYS VANKAREM | 6750N | 17050W | 5 | | 1009.0 | 1009.6 | 4.7 | | 7.8 | | 3 | 9 | | | 187 | |
| 25325 UST'-OLOJ | 6633N | 15920E | 127 | | 972.8 | 1007.9 | 13.8 | .8 | 11.2 | 1.1 | 12 | 74 | 23 | 5 | 258 | |
| 25356 EN' MUVEEM | 6623N | 17320E | 77 | | 999.7 | 1008.9 | 14.9 | | 10.3 | | 6 | 25 | | | 304 | |
| 25378 EGVEKINOT | 6621N | 17900W | 26 | | 1007.3 | 1010.4 | 9.2 | | 9.3 | | 6 | 26 | | | | |
| 25399 MYS UELEN | 6610N | 16950W | 3 | | 1008.1 | 1008.8 | 6.5 | .2 | 8.5 | .0 | 5 | 20 | -20 | | 198 | 93 |
| 25400 ZYRYANKA | 6544N | 15050E | 43 | | 1002.9 | 1008.0 | 16.0 | .7 | 9.8 | -1.7 | 9 | 58 | 11 | | 327 | 108 |
| 25428 OMOLON | 6514N | 16030E | 264 | | 977.0 | 1007.4 | 14.6 | | 11.6 | | 11 | 67 | | | 270 | |
| 25503 KORKODON | 6445N | 15350E | 98 | | 996.0 | 1007.7 | 15.6 | | 12.5 | | 5 | 66 | | | 273 | |
| 25538 VERHNEE PENZINO | 6413N | 16410E | 326 | | 969.1 | 1007.0 | 15.1 | | 10.6 | | 2 | 15 | | 1 | 209 | 85 |
| 25551 MARKOVO | 6441N | 17020E | 26 | | 1004.3 | 1007.1 | 16.1 | 2.3 | 12.0 | .8 | 2 | 4 | -50 | | 419 | 157 |
| 25563 ANADYR' | 6447N | 17730E | 61 | | 1001.5 | 1008.8 | 11.8 | 1.2 | 10.8 | .5 | 5 | 14 | -25 | 1 | 327 | 127 |
| 25594 BUHTA PROVIDENJA | 6425N | 17310W | 40 | | 1005.6 | 1010.5 | 7.9 | -.7 | 8.1 | -1.1 | 1 | 4 | -58 | | | |
| 25705 SREDNIKAN | 6227N | 15210E | 260 | | 976.0 | 1006.1 | 16.6 | | 13.2 | | 11 | 46 | | | 259 | |
| 25744 KAMENSKOE | 6226N | 16600E | 10 | | 1006.4 | 1009.4 | 15.3 | 2.2 | 12.0 | .6 | 4 | 13 | -41 | | | |
| 25927 BROHOVO | 5939N | 15410E | 5 | | 1008.2 | 1008.9 | 11.7 | | 8.3 | | 7 | 36 | | 0 | 265 | |
| 25932 TAJGONOS | 6041N | 16020E | 30 | | 1006.2 | 1009.4 | 9.6 | | 8.8 | | 5 | 36 | | | 147 | |
| 25954 KORF | 6021N | 16600E | 4 | | 1008.5 | 1008.9 | 12.0 | .2 | 11.8 | .5 | 9 | 73 | 17 | 4 | 210 | 112 |
| 28009 KIRS | 5922N | 05213E | 169 | | 990.5 | 1010.5 | 15.0 | | 13.1 | | 11 | 68 | | 3 | | |
| 28064 LEUSI | 5937N | 06543E | 72 | | 997.1 | 1005.6 | 16.4 | -2.1 | 14.7 | .2 | 14 | 95 | 21 | 4 | 277 | 91 |
| 28138 BISER | 5831N | 05851E | 463 | | 954.4 | 1008.0 | 13.5 | -2.5 | 12.9 | -.4 | 16 | 84 | -19 | 2 | 237 | 81 |
| 28224 PERM' | 5801N | 05618E | 171 | | 988.5 | 1008.5 | 16.0 | | 14.0 | | 14 | 127 | | | 212 | |
| 28255 TURINSK | 5803N | 06341E | 103 | | 994.4 | 1006.5 | 15.9 | | 14.7 | | 11 | 117 | | 5 | | |
| 28275 TOBOL'SK | 5809N | 06815E | 50 | | 999.9 | 1005.8 | 16.6 | -2.1 | 14.6 | -.8 | 14 | 90 | 17 | 3 | 234 | 79 |
| 28418 SARAPUL | 5628N | 05344E | 133 | | 994.5 | 1010.1 | 17.4 | | 14.2 | | 6 | 51 | | 3 | 323 | 105 |
| 28434 KRASNOUFIIMSK | 5639N | 05747E | 206 | | 984.8 | 1008.8 | 16.1 | -2.0 | 13.8 | -1.1 | 15 | 78 | 0 | 3 | 232 | 87 |
| 28493 TARA | 5654N | 07423E | 73 | | 997.2 | 1005.8 | 18.1 | -.7 | 14.9 | -.2 | 9 | 53 | -13 | 3 | 306 | 98 |
| 28552 SADRINSK | 5604N | 06339E | 89 | | 996.5 | 1006.9 | 16.9 | -2.5 | 14.5 | -.9 | 17 | 152 | 80 | 5 | 253 | 85 |
| 28573 ISHIM | 5606N | 06926E | 82 | | 996.7 | 1005.4 | 17.2 | | 14.2 | | 12 | 76 | | | 278 | |
| 28666 MAKUSINO | 5515N | 06718E | 140 | | 996.3 | 1012.7 | 17.7 | | 14.8 | | 12 | 74 | | 4 | 298 | |
| 28698 OMSK | 5501N | 07323E | 122 | | 992.3 | 1006.6 | 18.6 | -1.1 | 14.5 | -.2 | 9 | 52 | -9 | | 289 | 90 |
| 28704 CULPANOVO | 5430N | 05025E | 78 | | 1003.3 | 1012.4 | 17.4 | | 14.2 | | 7 | 53 | | 3 | 295 | 95 |
| 28722 UFA-DIOMA | 5443N | 05550E | 104 | | 997.0 | 1009.3 | 17.4 | -1.9 | 14.0 | -1.8 | 10 | 64 | 1 | | 258 | 89 |
| 28748 TROIJK | 5405N | 06137E | 192 | | 986.3 | 1008.6 | 17.6 | | 13.8 | | 9 | 104 | | 5 | 295 | |
| 29111 SREDNY VASJUGAN | 5913N | 07814E | 69 | | 998.0 | 1006.1 | 18.8 | | 14.3 | | 8 | 34 | | | | |
| 29231 KOLPASEVO | 5819N | 08257E | 75 | | 997.4 | 1006.3 | 19.1 | .7 | 14.8 | -.3 | 6 | 31 | -36 | | 320 | 103 |
| 29263 ENISEJSK | 5827N | 09209E | 79 | | 997.8 | 1007.0 | 19.3 | .8 | 16.1 | 1.3 | 4 | 67 | 9 | 4 | 330 | 107 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 29282 BOGUCANY | 5823N | 09727E | 133 | | 991.3 | 1006.7 | 19.9 | 1.3 | 15.8 | 1.7 | 5 | 22 | -29 | 1 | 253 | 87 |
| 29313 PUDINO | 5732N | 07922E | 97 | | | 1005.6 | 18.0 | | 14.4 | | 7 | 35 | | | 330 | |
| 29328 BAKCHAR | 5705N | 08155E | 110 | | 993.5 | 1006.4 | 18.4 | | 15.0 | | 13 | 73 | | | 261 | |
| 29379 TASEEVO | 5712N | 09433E | 168 | | 988.2 | 1007.6 | 19.0 | | 16.6 | | 7 | 51 | | | | |
| 29570 KRASNOJARSK OPYTNOE POLE | 5602N | 09245E | 276 | | 975.2 | 1007.1 | 18.5 | | 16.8 | | 13 | 106 | | | | |
| 29594 TAJSHET | 5557N | 09800E | 307 | | 964.2 | 1007.6 | 18.5 | | 16.5 | | 9 | 115 | | | 280 | |
| 29612 BARABINSK | 5520N | 07822E | 120 | | 992.6 | 1006.5 | 18.7 | -.6 | 14.2 | -.9 | 9 | 42 | -20 | | 316 | 97 |
| 29645 KEMEROVO CGMS | 5515N | 08613E | 148 | | 989.9 | 1007.1 | 18.9 | | 17.3 | | 12 | 104 | | | 242 | |
| 29752 NENASTNAYA | 5445N | 08849E | 1183 | | 876.4 | 1433 Y | 13.4 | | 12.9 | | 22 | 199 | | | 181 | 75 |
| 29789 VERHNJAJA GUTARA | 5413N | 09658E | 984 | | 897.5 | 1006.9 | 14.6 | | 13.6 | | 20 | 195 | | | 151 | |
| 29866 MINUSINSK | 5342N | 09142E | 254 | | 977.7 | 1006.9 | 19.4 | -.2 | 15.7 | .9 | 11 | 109 | 44 | 5 | 219 | 88 |
| 29939 BIJSK ZONAL'NAYA | 5241N | 08457E | 228 | | 981.5 | 1007.4 | 19.4 | | 16.9 | | 13 | 136 | | 5 | | |
| 30054 VITIM | 5927N | 11230E | 190 | | 985.8 | 1007.5 | 19.5 | 2.0 | 13.9 | -.2 | 3 | 21 | -33 | | | |
| 30089 DZHIKIMDA | 5901N | 12140E | 175 | | 986.9 | 1007.3 | 16.9 | | 13.9 | | 6 | 35 | | | | |
| 30230 KIRENSK | 5746N | 10800E | 259 | | 983.5 | 1006.9 | 19.8 | 2.1 | 14.1 | -.3 | 6 | 19 | -50 | | 306 | 115 |
| 30252 MAMAKAN | 5749N | 11410E | 249 | | 977.9 | 1006.7 | 18.8 | | 14.4 | | 9 | 45 | | | 326 | |
| 30309 BRATSK | 5617N | 10140E | 416 | | 959.1 | 1006.5 | 19.8 | 2.3 | 16.2 | 2.0 | 7 | 40 | -22 | | 302 | 113 |
| 30372 CHARA | 5654N | 11810E | 711 | | 926.3 | 1006.3 | 16.6 | .7 | 11.7 | -.9 | 3 | 16 | -53 | 1 | 296 | 119 |
| 30385 UST'-NJUKZHA | 5635N | 12120E | 426 | | 955.5 | 1004.4 | 17.4 | | 13.9 | | 11 | 56 | | | | |
| 30433 NIZHNEANGARSK | 5547N | 10930E | 487 | | 951.2 | 1005.7 | 18.5 | 3.0 | 14.0 | 1.0 | 5 | 22 | -40 | 1 | 319 | 133 |
| 30521 ZHIGALOVO | 5448N | 10510E | 426 | | 957.7 | 1005.2 | 19.2 | 2.1 | 15.6 | 1.2 | 9 | 95 | 21 | | 245 | 106 |
| 30554 BAGDARIN | 5428N | 11330E | 903 | | 905.6 | 1006.1 | 16.0 | 1.1 | 11.3 | -.5 | 10 | 60 | -46 | 2 | | |
| 30612 BALAGANSK | 5400N | 10300E | 427 | | 957.3 | 1005.9 | 18.5 | | 17.0 | | 11 | 87 | | | 229 | |
| 30636 BARGUZIN | 5337N | 10930E | 489 | | 948.9 | 1003.8 | 20.6 | | 16.9 | | 6 | 18 | | 0 | 300 | 109 |
| 30650 ROMANOVKA | 5312N | 11240E | 923 | | 903.3 | 1005.4 | 17.1 | | 12.2 | | 8 | 53 | | 1 | | |
| 30673 MOGOCHA | 5345N | 11940E | 625 | | 934.4 | 1005.0 | 16.9 | .3 | 12.4 | -.3 | 10 | 81 | -29 | 2 | 298 | 130 |
| 30710 IRKUTSK | 5216N | 10410E | 469 | | 952.5 | 1005.7 | 18.6 | 1.1 | 15.7 | .9 | 8 | 99 | -21 | | 222 | 91 |
| 30758 CHITA | 5205N | 11320E | 671 | | 929.4 | 1004.3 | 19.8 | 2.0 | 14.9 | 1.1 | 5 | 18 | -85 | 0 | 317 | 128 |
| 30777 SRETENSK | 5214N | 11740E | 525 | | 944.8 | 1004.0 | 19.5 | | 13.2 | | 9 | 48 | | 1 | 354 | 150 |
| 30844 HILOK | 5121N | 11020E | 802 | | 915.5 | 1004.6 | 17.8 | | 13.7 | | 8 | 78 | | 2 | | |
| 30879 NERCHINSKIJ ZAVOD | 5119N | 11930E | 619 | | 934.2 | 1003.4 | 18.9 | .9 | 15.1 | .0 | 6 | 30 | -94 | 1 | 327 | 130 |
| 30925 KJAHTA | 5022N | 10620E | 797 | | 918.7 | 1003.4 | 19.3 | | 16.5 | | 16 | 175 | | 5 | 231 | 91 |
| 30935 KRASNYJ CHIKOJ | 5022N | 10840E | 771 | | 918.5 | 1007.3 | 18.4 | | 15.1 | | 15 | 149 | | 5 | 239 | 100 |
| 30949 KYRA | 4934N | 11150E | 908 | | 904.3 | 1004.4 | 18.0 | .8 | 13.5 | .2 | 11 | 96 | -29 | 3 | 249 | 100 |
| 30965 BORZYA | 5024N | 11630E | 676 | | 928.6 | 1003.9 | 19.2 | .5 | 13.5 | -.4 | 10 | 45 | -46 | 1 | 328 | 119 |
| 31004 ALDAN | 5837N | 12520E | 679 | | 930.0 | 1006.9 | 15.5 | -.7 | 13.0 | .9 | 11 | 60 | -27 | | 258 | 93 |
| 31088 OHOTSK | 5922N | 14310E | 6 | | 1007.5 | 1008.2 | 12.0 | .0 | 12.6 | .1 | 7 | 120 | 45 | 5 | 176 | 98 |
| 31137 TOKO | 5617N | 13100E | 850 | | 910.4 | 1006.4 | 13.6 | | 11.9 | | 15 | 88 | | | | |
| 31152 NEL' KAN | 5739N | 13600E | 318 | | 969.1 | 1007.3 | 14.1 | | 10.4 | | 12 | 77 | | | 237 | |
| 31168 AYAN | 5627N | 13800E | 8 | | 1006.8 | 1007.9 | 12.9 | 1.1 | 12.7 | .7 | 10 | 124 | -23 | | 149 | 98 |
| 31174 BOL'SHOJ SHANTAR | 5450N | 13730E | 21 | | 1006.4 | 1007.5 | 10.9 | | 11.7 | | 6 | 57 | | | 238 | 115 |
| 31253 BOMNAK | 5443N | 12850E | 357 | | 962.8 | 1004.6 | 17.6 | -.1 | 15.0 | .2 | 11 | 114 | -16 | 3 | 269 | 113 |
| 31329 EKIMCHAN | 5304N | 13250E | 542 | | 943.3 | 1004.8 | 16.9 | .0 | 15.0 | .3 | 17 | 192 | 49 | 4 | 243 | 110 |
| 31369 NIKOLAEVSK-NA-AMURE | 5309N | 14040E | 68 | | 998.8 | 1006.7 | 16.0 | -.6 | 14.8 | -.4 | 7 | 75 | 3 | | | |
| 31416 IM POLINY OSIPENKO | 5225N | 13630E | 73 | | 997.4 | 1005.9 | 17.7 | -.2 | 15.1 | -.4 | 12 | 78 | -9 | | 209 | 88 |
| 31439 BOGORODSKOE | 5223N | 14020E | 35 | | 1002.5 | 1006.6 | 17.6 | | 15.6 | | 8 | 100 | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 31478 SOFIJSKIJ PRIISK | 5216N | 13350E | 902 | | 904.3 | 1004.6 | 15.7 | | 13.4 | | 15 | 200 | | | | |
| 31707 EKATERINO-NIKOL'SKOE | 4744N | 13050E | 73 | | 995.6 | 1003.9 | 22.0 | .9 | 21.2 | 1.1 | 9 | 108 | -34 | | 264 | 111 |
| 31770 SOVETSKAYA GAVAN' | 5100N | 13950E | 238 | | | 1009.5 | 15.6 | | 15.4 | | 10 | 56 | | | | |
| 31829 ZOLOTOJ | 4719N | 13850E | 26 | | 1004.7 | 1007.7 | 14.7 | 1.0 | 15.9 | 1.3 | 9 | 83 | -18 | | | |
| 31873 DAL'NERECHENSK | 4552N | 13340E | 101 | | 994.0 | 1005.6 | 21.5 | | 20.7 | | 10 | 131 | | | | |
| 31960 VLADIVOSTOK | 4307N | 13150E | 183 | | 984.8 | 1006.5 | 18.6 | 1.3 | 18.3 | -.4 | 9 | 60 | -58 | | 177 | 145 |
| 31989 PREOBRAZHENIE | 4254N | 13350E | 43 | | 1002.3 | 1007.3 | 18.0 | | 10.1 | | 7 | 197 | | | | |
| 32027 POGIBI | 5213N | 14130E | 6 | | 1009.7 | 1010.6 | 15.2 | | 15.0 | | 9 | 72 | | | 205 | |
| 32061 ALEKSANDROVSK-SAHALINSKIJ | 5054N | 14210E | 31 | | 1004.4 | 1008.0 | 16.1 | 1.0 | 15.1 | .9 | 8 | 76 | 14 | 4 | 243 | 114 |
| 32076 POGRANICHNOE | 5024N | 14340E | 8 | | 1010.4 | 1011.3 | 10.0 | | 11.4 | | 7 | 47 | | 2 | 185 | 100 |
| 32098 PORONAJSK | 4913N | 14300E | 8 | | 1008.6 | 1009.5 | 13.9 | .4 | 14.8 | .7 | 8 | 54 | -25 | 2 | 129 | 87 |
| 32099 MYS TERPENIYA | 4839N | 14440E | 6 | | 1009.3 | 1010.1 | 9.5 | | 11.4 | | 5 | 47 | | | | |
| 32150 JUZHNO-SAHALINSK | 4657N | 14240E | 24 | | 1006.0 | 1008.8 | 16.8 | 1.4 | 16.4 | 1.1 | 6 | 22 | -65 | 1 | 203 | 123 |
| 32165 JUZHNO-KURIL'SK | 4401N | 14550E | 49 | | 1005.2 | 1011.0 | 12.6 | .5 | 13.6 | -.2 | 6 | 41 | -82 | 1 | 94 | 91 |
| 32213 MYS LOPATKA | 5052N | 15640E | 47 | | 1005.0 | 1011.1 | 7.9 | | 10.6 | | 8 | 154 | | 2 | | |
| 32252 UST'-VOYAMPOLKA | 5830N | 15910E | 7 | | 1009.8 | 1010.7 | 10.0 | .0 | 11.1 | .1 | 7 | 35 | -30 | 2 | 186 | 108 |
| 32287 UST'-HAJRJUZOVO | 5705N | 15640E | 8 | | 1009.3 | 1010.3 | 11.3 | | 11.6 | | 7 | 24 | | 2 | 213 | 120 |
| 32389 KLJUCHI | 5619N | 16050E | 29 | | 1005.7 | 1009.1 | 15.0 | .3 | 13.7 | 1.2 | 8 | 44 | -4 | 3 | 247 | 118 |
| 32477 SOBOLEVO | 5418N | 15550E | 14 | | 1007.6 | 1010.6 | 11.3 | | 11.9 | | 6 | 46 | | | 176 | 125 |
| 32509 SEMYACHIK | 5407N | 15950E | 27 | | 1006.1 | 1009.4 | 11.1 | | 11.8 | | 7 | 55 | | 2 | 116 | 85 |
| 32618 OSTROV BERINGA | 5512N | 16550E | 18 | | 1007.6 | 1010.0 | 8.8 | .1 | 10.4 | -.1 | 7 | 50 | 4 | 3 | 69 | 82 |
| 35011 SOROCHINSK | 5226N | 05308E | 123 | | 997.3 | 1011.7 | 19.1 | | 13.1 | | 7 | 45 | | 3 | | |
| 36038 ZMEINOGORSK | 5109N | 08212E | 355 | | 966.8 | 1007.4 | 19.2 | | 15.3 | | 13 | 130 | | | 290 | |
| 36064 YAJLJU | 5146N | 08736E | 480 | | 953.1 | 1008.3 | 17.3 | | 15.1 | | 9 | 83 | | | 241 | |
| 36096 KYZYL | 5143N | 09430E | 628 | | 935.3 | 1005.5 | 19.3 | | 15.1 | | 10 | 105 | | 5 | 221 | 75 |
| 36229 UST'-KOKSA | 5017N | 08537E | 978 | | 899.9 | 1008.4 | 16.2 | | 11.4 | | 10 | 40 | | | 275 | |
| 36259 KOSH-AGACH | 5001N | 08841E | 1759 | | 819.2 | 1447 Y | 14.8 | | 9.9 | | 3 | 20 | | | 112 | |
| 36307 ERZIN | 5016N | 09507E | 1101 | | 887.1 | 1465 Y | 17.3 | | 1.0 | | 2 | 56 | | 0 | | |
| KAZAKHSTAN | | | | | | | | | | | | | | | | |
| 28679 PETROPAVLOVSK | 5450N | 06909E | 142 | | 990.4 | 1006.9 | 17.8 | -2.0 | 14.7 | -.4 | 9 | 39 | -19 | 2 | 227 | 74 |
| 28766 BLAGOVESHCHENKA | 5422N | 06658E | 151 | | 989.5 | 1007.1 | 18.4 | | 13.9 | | 9 | 31 | | 2 | | |
| 28879 KOKSHETAY | 5317N | 06923E | 229 | | 981.0 | 1007.6 | 18.4 | -1.8 | 14.3 | .0 | 5 | 22 | -46 | 1 | 328 | 105 |
| 28952 KOSTANAY | 5313N | 06337E | 170 | | 991.0 | 1008.7 | 18.9 | -2.1 | 12.9 | -1.6 | 8 | 38 | -19 | | 335 | 104 |
| 28966 RUZAEVKA | 5249N | 06658E | 227 | | 981.8 | 1008.0 | 18.4 | | 12.7 | | 5 | 36 | | | | |
| 29807 IRTYSHSK | 5321N | 07527E | 94 | | 996.2 | 1007.0 | 20.1 | -.9 | 13.1 | -1.6 | 3 | 12 | -38 | | | |
| 35067 ESIL' | 5153N | 06620E | 221 | | 983.1 | 1008.6 | 19.2 | | 12.5 | | 6 | 30 | | 2 | | |
| 35078 ATBASAR | 5149N | 06822E | 304 | | 973.4 | 1008.4 | 18.7 | -1.8 | 12.4 | -.8 | 11 | 40 | -6 | 3 | 339 | 105 |
| 35108 URALSK | 5115N | 05117E | 37 | | | 20.4 | -2.1 | 13.2 | -1.5 | 1 | 7 | -30 | 1 | 326 | 101 | |
| 35188 ASTANA | 5108N | 07122E | 350 | | 968.2 | 1008.2 | 18.8 | -2.5 | 12.9 | -.1 | 12 | 39 | -10 | 2 | | |
| 35217 DZHAMBETJY | 5015N | 05234E | 32 | | 1008.7 | 1012.4 | 22.0 | | 17.0 | | | 2 | | | | |
| 35229 AKTOBE | 5017N | 05709E | 219 | | 985.5 | 1010.7 | 21.0 | -1.4 | 11.8 | -1.5 | 4 | 35 | 6 | 4 | 349 | 105 |
| 35376 BERLIK | 4953N | 06931E | 349 | | 967.9 | 1007.8 | 20.8 | | 10.5 | | 2 | 12 | | | 351 | |
| 35394 KARAGANDA | 4948N | 07309E | 553 | | 945.4 | 1008.1 | 17.7 | -3.1 | 12.0 | .0 | 12 | 82 | 42 | | 325 | 98 |
| 35406 TAIPAK | 4903N | 05152E | 2 | | 1011.6 | 1011.8 | 23.7 | -1.5 | 10.9 | -2.2 | 6 | 27 | 12 | | 369 | 110 |
| 35416 UIL | 4904N | 05441E | 128 | | 1000.5 | 1011.6 | 23.3 | -1.6 | 10.6 | -1.7 | 1 | 24 | 5 | 2 | 381 | 110 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 35426 TEMIR | 4909N | 05707E | 234 | | 984.0 | 1010.8 | 22.1 | | 10.5 | | | 3 | 21 | | 3 | | |
| 35671 ZHEZKAZGAN | 4748N | 06743E | 346 | | 968.2 | 1007.3 | 22.5 | | 10.0 | | | 2 | 10 | | | | |
| 35700 ATYRAU | 4707N | 05155E | -22 | | 1014.1 | 1011.9 | 25.3 | -.9 | 12.0 | -.2 | -3.4 | 1 | 3 | -12 | 1 | 361 | 105 |
| 35746 ARALSKOE MORE | 4647N | 06139E | 62 | | 1002.1 | 1009.4 | 25.9 | -1.2 | 9.7 | | | 0 | T | -9 | 1 | 392 | 104 |
| 35796 BALHASH | 4648N | 07505E | 350 | | 967.4 | 1006.9 | 22.6 | -1.7 | 15.0 | .5 | | 5 | 10 | -8 | | 369 | 98 |
| 35849 KAZALINSK | 4546N | 06207E | 68 | | 1001.5 | 1009.0 | 23.9 | -3.0 | 12.0 | -2.1 | | 0 | T | -005 | 0 | 372 | 95 |
| 35925 SAM | 4524N | 05607E | 88 | | 1000.9 | 1011.0 | 26.7 | -.9 | 9.6 | -3.5 | | 1 | 3 | -7 | | | |
| 35953 DZHUSALY | 4530N | 06405E | 103 | | 996.2 | 1007.9 | 26.1 | | 11.8 | | | 1 | 5 | | 4 | | |
| 36003 PAVLODAR | 5218N | 07656E | 122 | | 992.7 | 1006.8 | 20.8 | | 14.7 | | | 4 | 41 | | 3 | 329 | |
| 36177 SEMIPALATINSK | 5025N | 08018E | 196 | | 984.4 | 1006.7 | 21.2 | -.5 | 15.2 | 1.1 | | 10 | 72 | 36 | 5 | 311 | 91 |
| 36208 LENINOGORSK | 5020N | 08333E | 811 | | 916.7 | 1007.2 | 16.3 | -1.0 | 13.7 | .4 | | 12 | 95 | 14 | 2 | | |
| 36428 BOL'SHE NARYMSKOE | 4912N | 08431E | 401 | | 961.3 | 1006.8 | 21.0 | | 14.3 | | | 5 | 32 | | | 363 | 110 |
| 36535 KOKPEKTY | 4845N | 08222E | 512 | | 949.6 | 1007.2 | 19.8 | -.5 | 12.9 | .2 | | 6 | 58 | 25 | 5 | 343 | 101 |
| 36859 ZHARKENT | 4410N | 08004E | 645 | | 934.1 | 1005.1 | 24.4 | .2 | 13.6 | -.5 | | 1 | 7 | -15 | | 361 | 109 |
| 36870 ALMATY | 4314N | 07656E | 851 | | 913.4 | 1005.7 | 24.1 | .5 | 12.6 | -.5 | | 6 | 62 | 31 | 5 | 302 | 99 |
| 38001 FORT SHEVCHENKO | 4433N | 05015E | -25 | | 1015.9 | 1013.2 | 25.3 | -.2 | 21.6 | 1.7 | | 1 | 3 | -12 | 0 | | |
| 38062 KYZYLORDA | 4451N | 06530E | 130 | | 993.6 | 1008.1 | 26.7 | -.8 | 11.3 | -1.3 | | 2 | 5 | 1 | 4 | | |
| 38069 CHIILI | 4410N | 06645E | 153 | | | 1004.1 | 25.4 | | 12.2 | | | 2 | 6 | | | 2 | |
| 38198 TURKESTAN | 4316N | 06813E | 207 | | 982.1 | 1005.5 | 27.3 | -1.3 | 11.9 | .9 | | 1 | 37 | 34 | | | |
| 38328 SHYMKENT | 4219N | 06942E | 604 | | 938.8 | 1005.2 | 25.6 | | 11.9 | | | 3 | 11 | | | 2 | 350 |
| 38334 AUL TURARA RYSKULOVA | 4229N | 07018E | 808 | | 917.3 | 1005.2 | 23.9 | | 12.5 | | | 4 | 58 | | 5 | | |
| 38341 ZHAMBYL | 4251N | 07123E | 655 | | 934.3 | 1006.1 | 24.1 | | 11.8 | | | 4 | 27 | | 5 | | |
| 38343 KULAN | 4257N | 07245E | 683 | | 929.1 | 1004.0 | 24.3 | | 11.8 | | | 2 | 12 | | 4 | | |
| 38439 CHARDARA | 4122N | 06800E | 275 | | 974.9 | 1005.5 | 28.1 | | 9.8 | | | 2 | | | | | |
| TURKMENISTAN | | | | | | | | | | | | | | | | | |
| 38507 TURKMENBASHI | 4003N | 05300E | 82 | | 999.5 | 1008.9 | 28.7 | 1.0 | 18.8 | 1.8 | | 0 | 0 | -3 | | 338 | 98 |
| 38545 DARGANATA | 4028N | 06217E | 142 | | 991.0 | 1007.0 | 27.8 | | 13.0 | | | 0 | T | | | 393 | |
| 38687 CHARDZHEV | 3905N | 06336E | 190 | | 984.3 | 1006.0 | 29.0 | -.5 | 12.4 | -1.4 | | 1 | 1 | 0 | | 414 | 105 |
| UZBEKISTAN | | | | | | | | | | | | | | | | | |
| 38178 AK-BAJTAL | 4309N | 06420E | 234 | | 981.6 | 1010.7 | 29.6 | -.1 | 13.5 | 1.8 | | 0 | 0 | -4 | 0 | | |
| 38262 CHIMBAJ | 4257N | 05949E | 66 | | 1003.3 | 1010.8 | 26.6 | -.7 | 15.2 | -1.1 | | 2 | 5 | 2 | 4 | 378 | 101 |
| 38396 URGENCH | 4134N | 06034E | 101 | | 997.4 | 1008.9 | 27.1 | | 13.0 | | | 01 | 1 | | 4 | | |
| 38403 BUZAUBAJ | 4145N | 06228E | 98 | | 997.7 | 1008.7 | 30.2 | | 16.6 | | | 1 | 8 | | 5 | | |
| 38413 TAMDY | 4144N | 06437E | 237 | | 980.9 | 1007.4 | 29.7 | -1.2 | 9.3 | -1.8 | | 0 | 0 | -3 | 0 | 390 | 102 |
| 38457 TASHKENT | 4116N | 06916E | 488 | | 951.0 | 1004.7 | 27.4 | -.2 | 12.4 | -1.3 | | 1 | 2 | -2 | 4 | 397 | 104 |
| 38611 NAMANGAN | 4059N | 07135E | 474 | | 952.2 | 1005.0 | 27.5 | | 16.5 | | | 1 | 2 | | 4 | 376 | 105 |
| 38618 FERGANA | 4022N | 07145E | 577 | | 939.8 | 1002.8 | 27.0 | .0 | 16.5 | .6 | | 2 | 8 | 3 | 4 | 351 | 97 |
| 38683 BUHARA | 3943N | 06437E | 226 | | 979.5 | 1004.7 | 29.0 | | 9.7 | | | 0 | 0 | | 0 | | |
| 38696 SAMARKAND | 3934N | 06657E | 724 | | 925.6 | 1004.2 | 26.7 | .5 | 13.2 | -.2 | | 1 | 2 | -2 | 2 | 370 | 93 |
| 38812 KARSHI | 3848N | 06543E | 376 | | 961.2 | 1002.3 | 30.3 | | 15.4 | | | 0 | T | 0 | 0 | | |
| 38927 TERMEZ | 3714N | 06716E | 310 | | 967.4 | 1001.6 | 30.4 | .6 | 13.3 | -1.9 | | 0 | 0 | 0 | 0 | 389 | 101 |
| SAUDI ARABIA | | | | | | | | | | | | | | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 40356 TURAIF | 3141N | 03844E | 855 | | 911.5 | 1465 | Y | 29.1 | | 11.3 | | 0 | 0 | | | 397 | |
| 40357 ARAR | 3054N | 04108E | 555 | | 942.3 | 1000.8 | | 34.7 | | 13.0 | | 0 | 0 | | | | |
| 40360 GURIAT | 3124N | 03717E | 509 | | 949.0 | 1003.6 | | 28.4 | | 12.5 | | 0 | 0 | | | | |
| 40361 AL-JOUF | 2947N | 04006E | 689 | | 930.6 | 1001.9 | | 32.9 | | 11.4 | | 0 | 0 | | | | |
| 40362 RAFHA | 2937N | 04329E | 449 | | 952.1 | 1000.1 | | 35.1 | | 13.9 | | 0 | 0 | | | | 362 |
| 40373 AL-QAISUMAH | 2819N | 04608E | 358 | | 959.9 | 998.2 | | 34.1 | | 7.4 | | 0 | 0 | | | | |
| 40375 TABUK | 2823N | 03636E | 778 | | 921.8 | 1003.8 | | 30.6 | | 14.9 | | 0 | 0 | | | | 383 |
| 40377 HAFR AL-BATIN | 2755N | 04531E | 414 | | 955.7 | 1000.0 | | 36.0 | | 11.1 | | 0 | 0 | | | | |
| 40400 AL-WEJH | 2612N | 03629E | 24 | | | 998.3 | | 36.5 | | 10.0 | | 0 | 0 | | | | 331 |
| 40405 GASSIM | 2618N | 04346E | 648 | | 931.7 | 1000.2 | | 35.2 | | 9.1 | | 0 | 0 | | | | |
| 40410 KHAYBER | 2540N | 03918E | 754 | | 922.4 | 1001.6 | | 39.6 | | 9.6 | | 0 | 0 | | | | |
| 40416 DHAHRAN | 2616N | 05010E | 26 | | 994.3 | 996.2 | | 37.7 | 2.5 | 17.5 | 2.8 | 0 | 0 | 0 | | | |
| 40417 K.F.I.A. (KING FAHAD INT. AI | 2627N | 04949E | 22 | | 996.2 | 997.6 | | 37.4 | | 11.4 | | 0 | 0 | 0 | | | |
| 40420 AL-AHSA | 2518N | 04929E | 179 | | 978.8 | 997.9 | | 38.6 | | 15.8 | | 0 | 0 | | | | |
| 40437 KING KHALED INT. AIRPORT | 2456N | 04643E | 614 | | 934.6 | 999.4 | | 36.6 | | 7.2 | | 0 | 0 | | | 303 | |
| 40438 RIYADH OBS. (O.A.P.) | 2442N | 04644E | 635 | | 934.5 | 999.8 | | 36.8 | 1.8 | 7.6 | 1.2 | 0 | 0 | -1 | | 340 | |
| 40439 YENBO | 2408N | 03804E | 10 | | 1002.9 | 1004.0 | | 33.5 | | 30.5 | | 0 | 0 | | | | |
| 41030 MAKKAH | 2126N | 03946E | 240 | | 977.0 | 1003.0 | | 35.6 | | 15.1 | | 0 | 0 | | | | |
| 41036 AL-TAIF | 2129N | 04033E | 1478 | | 853.0 | 1477 | Y | 28.5 | .0 | 9.6 | 2.1 | 0 | 0 | -3 | | 334 | |
| 41061 WADI AL-DAWASSER AIRPORT | 2030N | 04515E | 629 | | 932.9 | 998.3 | | 36.5 | | 10.0 | | 0 | 0 | | | 331 | |
| 41084 BISHA | 1959N | 04238E | 1167 | | 880.1 | 1470 | Y | 33.2 | | 10.6 | | 0 | 0 | | | 310 | |
| 41112 ABHA | 1814N | 04239E | 2093 | | 792.8 | 1476 | Y | 23.6 | | 12.5 | | 5 | 195 | | | 227 | |
| 41114 KHAMIS MUSHAIT | 1818N | 04248E | 2066 | | 796.1 | 1474 | Y | 24.2 | | 13.3 | | 2 | 45 | | | 231 | |
| 41128 NAJRAN | 1737N | 04425E | 1214 | | 874.8 | 1468 | Y | 33.5 | | 7.5 | | 1 | 4 | | | 249 | |
| 41136 SHARORAH | 1728N | 04706E | 725 | | 922.2 | 998.1 | | 35.8 | | 13.7 | | 0 | 0 | | | 303 | |
| 41140 GIZAN | 1653N | 04235E | 7 | | 1002.4 | 1003.2 | | 33.7 | | 32.4 | | 1 | 1 | | | | |
| IRAN, ISLAMIC REPUBLIC OF | | | | | | | | | | | | | | | | | |
| 40712 ORUMIEH | 3732N | 04505E | 1316 | | 862.8 | 1002.1 | | 25.0 | 1.2 | 16.6 | 3.1 | 01 | 1 | -3 | | 375 | 103 |
| 40745 MASHHAD | 3616N | 05938E | 999 | | 898.3 | 1004.7 | | 29.6 | 2.9 | 9.8 | -1.5 | 2 | 5 | 4 | | 373 | 103 |
| 40766 KERMANSHAH | 3416N | 04707E | 1322 | | 862.3 | 997.9 | | 29.6 | 1.4 | 9.0 | 1.1 | | | | | 357 | 102 |
| 40800 ESFAHAN | 3228N | 05140E | 1550 | | 838.8 | 995.5 | | 31.2 | 1.8 | 9.0 | .1 | | | | | 381 | 110 |
| 40841 KERMAN | 3015N | 05658E | 1754 | | 819.6 | 994.7 | | 29.8 | .9 | 6.3 | -.5 | | | | | 366 | 111 |
| 40848 SHIRAZ | 2932N | 05232E | 1481 | | 844.3 | 994.3 | | 31.6 | 1.8 | 11.7 | 2.5 | | | | | 351 | 102 |
| BAHRAIN | | | | | | | | | | | | | | | | | |
| 41150 BAHRAIN (INT. AIRPORT) | 2616N | 05039E | 2 | | | 997.4 | | 35.3 | 1.2 | 27.7 | -4.1 | 0 | 0 | 0 | 5 | 329 | 99 |
| UNITED ARAB EMIRATES | | | | | | | | | | | | | | | | | |
| 41217 ABU DHABI INTER. AIRPORT | 2426N | 05439E | 27 | | 994.6 | 997.4 | | 34.5 | .2 | 26.8 | -1.4 | 0 | 0 | -T | 4 | 329 | 100 |
| OMAN | | | | | | | | | | | | | | | | | |
| 41256 SEEB, INT'L AIRPORT | 2335N | 05817E | 15 | | 994.3 | 995.3 | | 33.3 | | 31.9 | | 0 | 0 | 5 | | 214 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 41288 MASIRAH | 2040N | 05854E | 19 | | 997.4 | 999.6 | 26.9 | | 25.9 | | | 1 | 2 | | | | |
| 41314 THUMRAIT | 1740N | 05401E | 467 | | 950.6 | 1003.5 | 29.6 | | 21.5 | | | 0 | 0 | | 5 | | |
| 41316 SALALAH | 1702N | 05405E | 23 | | 1001.3 | 1004.0 | 25.4 | | 28.3 | | | 13 | 28 | | | | |
| PAKISTAN | | | | | | | | | | | | | | | | | |
| 41515 DROSH | 3534N | 07147E | 1465 | | | 1394 Y | 31.3 | 1.3 | 14.6 | | | 2 | 14 | -7 | 3 | | |
| 41530 PESHAWAR | 3401N | 07135E | 360 | | 957.6 | 996.3 | 31.9 | -.3 | 31.4 | | | 6 | 96 | 54 | 5 | | |
| 41560 PARACHINAR | 3352N | 07005E | 1726 | | 821.8 | 1426 Y | 24.9 | .4 | 20.0 | | | 10 | 120 | 13 | 5 | | |
| 41571 ISLAMABAD AIRPORT | 3337N | 07306E | 508 | | | 997.6 | 30.0 | .3 | 29.9 | | | 12 | 505 | 238 | 5 | | |
| 41594 SARGODHA | 3203N | 07240E | 188 | | | 996.5 | 33.0 | | 32.3 | | | 3 | 47 | | 2 | | |
| 41598 JHELUM | 3256N | 07343E | 234 | | 971.3 | 996.8 | 30.7 | -.2 | 32.5 | | | 17 | 485 | 248 | 5 | | |
| 41600 SIALKOT | 3230N | 07432E | 256 | | 969.2 | 997.2 | 29.9 | .1 | 32.7 | | | 13 | 314 | 26 | 3 | | |
| 41620 ZHOB | 3121N | 06928E | 1407 | | 849.1 | 1395 Y | 29.8 | .3 | 18.3 | | | 6 | 59 | 11 | 3 | | |
| 41624 DERA ISMAIL KHAN | 3149N | 07055E | 173 | | 976.3 | 995.3 | 33.2 | .5 | 33.7 | | | 1 | 4 | -.56 | 1 | | |
| 41640 LAHORE CITY | 3133N | 07420E | 215 | | 973.3 | 996.8 | 31.6 | .1 | 33.2 | | | 9 | 186 | -16 | 3 | | |
| 41660 QUETTA AIRPORT | 3015N | 06653E | 1589 | | 834.0 | 1419 Y | 30.5 | 2.6 | 15.4 | | | 1 | 2 | -10 | 4 | | |
| 41675 MULTAN | 3012N | 07126E | 123 | | 982.4 | 996.3 | 35.2 | 1.3 | 30.2 | | | 1 | 2 | -59 | 1 | | |
| 41685 BARKHAN | 2953N | 06943E | 1098 | | | 1407 Y | 30.6 | 1.1 | 19.9 | | | 7 | 191 | 83 | 5 | | |
| 41710 NOKKUNDI | 2849N | 06245E | 683 | | 922.3 | 993.0 | 37.0 | 1.2 | 8.9 | | | 0 | 0 | -1 | 5 | | |
| 41712 DAL BANDIN | 2853N | 06424E | 850 | | 904.8 | 1414 Y | 37.3 | 3.1 | 7.1 | | | 0 | 0 | -3 | 4 | | |
| 41715 JACOBABAD | 2818N | 06828E | 56 | | 988.6 | 994.7 | 36.0 | 1.1 | 34.0 | | | 1 | 2 | -34 | 2 | | |
| 41718 KHANPUR | 2839N | 07041E | 88 | | 985.4 | 994.8 | 34.4 | .8 | 31.9 | | | 0 | 0 | -27 | 2 | | |
| 41739 PANJGUR | 2658N | 06406E | 981 | | 891.3 | 1404 Y | 33.4 | 1.7 | 17.7 | | | 1 | 3 | -22 | 3 | | |
| 41744 KHUZDAR | 2750N | 06638E | 1232 | | 865.4 | 1393 Y | 31.3 | 1.0 | 15.8 | | | 5 | 33 | -14 | 3 | | |
| 41749 NAWABSHAH | 2615N | 06822E | 38 | | 992.1 | 995.2 | 34.4 | .4 | 25.2 | | | 3 | 60 | 9 | 4 | | |
| 41756 JIWANI | 2504N | 06148E | 57 | | 991.5 | 997.6 | 29.7 | -.3 | 31.5 | | | 0 | 0 | -7 | 4 | | |
| 41759 PASNI | 2516N | 06329E | 6 | | 997.8 | 998.5 | 29.8 | | 32.9 | | | 0 | 0 | -5 | 4 | | |
| 41768 CHHOR | 2531N | 06947E | 6 | | 996.2 | 996.8 | 32.2 | .7 | 31.8 | | | 4 | 47 | -32 | 3 | | |
| 41780 KARACHI AIRPORT | 2454N | 06708E | 22 | | 996.1 | 998.8 | 30.2 | -.1 | 32.4 | | | 1 | 67 | -18 | 4 | | |
| INDIA | | | | | | | | | | | | | | | | | |
| 42027 SRINAGAR | 3405N | 07450E | 1587 | | 833.0 | 1407 Y | 25.1 | 1.0 | 21.5 | | | 9 | 103 | 41 | 5 | 216 | |
| 42071 AMRITSAR | 3138N | 07452E | 234 | | 971.5 | 997.1 | 30.2 | .0 | 32.2 | | | 8 | 407 | 176 | 5 | 170 | 79 |
| 42165 BIKANER | 2800N | 07318E | 224 | | | 995.1 | 34.9 | 2.1 | 26.8 | | | 3 | 25 | -81 | 1 | | |
| 42182 NEW DELHI/SAFDARJUNG | 2835N | 07712E | 216 | | 973.1 | 996.7 | 31.4 | .6 | 33.1 | | | 13 | 313 | 76 | 4 | 137 | 83 |
| 42314 DIBRUGARH /MOHANBARI | 2729N | 09501E | 111 | | 988.1 | 1000.4 | 28.9 | 1.2 | 33.0 | | | 24 | 533 | -13 | 3 | 147 | |
| 42339 JODHPUR | 2618N | 07301E | 224 | | | 996.7 | 31.1 | | 28.3 | | | 9 | 31 | | 1 | | |
| 42404 DHUBRI | 2601N | 08959E | 36 | | 996.0 | 999.9 | 29.6 | | 34.5 | | | 10 | 209 | | 1 | | |
| 42410 GUWAHATI | 2606N | 09135E | 54 | | 993.3 | 999.4 | 30.2 | 1.7 | 33.8 | | | 16 | 247 | -130 | 2 | 171 | 139 |
| 42452 KOTA AERODROME | 2509N | 07551E | 274 | | | 997.3 | 30.5 | .6 | 29.0 | | | 15 | 161 | -98 | 2 | | |
| 42619 SILCHAR | 2445N | 09248E | 29 | | 996.6 | 1000.4 | 29.6 | | 34.1 | | | 24 | 482 | | 2 | | |
| 42647 AHMADABAD | 2304N | 07238E | 55 | | 993.6 | 999.9 | 29.0 | -.5 | 32.4 | | | 16 | 309 | 62 | 4 | 65 | 50 |
| 42671 SAGAR | 2351N | 07845E | 551 | | 938.1 | 998.3 | 26.1 | -.6 | 28.5 | | | 20 | 508 | 158 | 5 | | |
| 42731 DWARKA | 2222N | 06905E | 11 | | 999.2 | 1000.5 | 29.3 | .1 | 34.3 | | | 11 | 232 | 135 | | | |
| 42754 INDORE | 2243N | 07548E | 567 | | 937.5 | 999.3 | 26.1 | -.4 | 27.2 | | | 21 | 281 | 2 | 3 | 45 | 43 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 42807 CALCUTTA/ALIPORE | 2232N | 08820E | 6 | | 997.7 | 998.4 | 29.3 | .1 | 33.9 | | 24 | 589 | 178 | 5 | 86 | 92 |
| 42867 NAGPUR SONEGAON | 2106N | 07903E | 310 | | 965.5 | 999.8 | 27.5 | -.4 | 29.6 | | 18 | 451 | 161 | 5 | 69 | 60 |
| 42909 VERAVAL | 2054N | 07022E | 8 | | 1000.6 | 1001.5 | 28.5 | .1 | 35.6 | | 22 | 410 | 181 | 4 | | |
| 42933 AKOLA | 2042N | 07702E | 282 | | 969.5 | 1000.6 | 28.0 | -.3 | 29.2 | | 14 | 261 | 39 | 4 | | |
| 42971 BHUBANESHWAR | 2015N | 08550E | 46 | | 993.7 | 998.9 | 29.4 | .7 | 33.9 | | 17 | 418 | 101 | 4 | 69 | 64 |
| 43041 JAGDALPUR | 1905N | 08202E | 553 | | 940.7 | 1001.7 | 25.7 | .0 | 28.1 | | 19 | 488 | 136 | 5 | | |
| 43057 BOMBAY / COLABA | 1854N | 07249E | 11 | | 1002.6 | 1003.8 | 27.5 | -.2 | 31.6 | | 28 | 937 | 255 | 4 | 46 | 63 |
| 43063 PUNE | 1832N | 07351E | 559 | | 942.4 | 1004.0 | 24.6 | -.7 | 26.3 | | 27 | 411 | 248 | 6 | 67 | 56 |
| 43128 HYDERABAD AIRPORT | 1727N | 07828E | 545 | | 943.5 | 1002.7 | 27.6 | .6 | | | 12 | 193 | 38 | 4 | 135 | 96 |
| 43150 CWC VISHAKHAPATNAM/WALTAIR | 1742N | 08318E | 66 | | 993.6 | 1000.9 | 29.2 | | 30.9 | | 11 | 106 | | | 95 | 80 |
| 43185 MACHILIPATNAM/FRANCHPET | 1612N | 08109E | 3 | | 1001.9 | 1002.2 | 31.1 | 1.4 | 27.7 | | 10 | 132 | -.39 | 3 | 140 | |
| 43192 GOA/PANJIM | 1529N | 07349E | 60 | | 1000.0 | 1006.7 | 27.8 | 1.1 | 32.2 | | 29 | 371 | -.482 | 0 | 97 | 92 |
| 43198 BELGAUM/SAMBRE | 1551N | 07437E | 758 | | 924.1 | 1005.9 | 22.9 | -.3 | 24.7 | | 29 | 288 | 64 | 4 | | |
| 43279 CHENNAI/MINAMBAKKAM | 1300N | 08011E | 16 | | 1003.0 | 1004.6 | 31.7 | 1.0 | 26.3 | | 8 | 130 | 9 | 3 | 175 | 95 |
| 43284 BAJPE | 1255N | 07453E | 102 | | 996.9 | 1008.4 | 26.6 | | 30.3 | | 30 | 938 | | | 81 | 125 |
| 43295 BANGALORE | 1258N | 07735E | 921 | | 906.7 | 1481 Y | 24.3 | .4 | 21.3 | | 7 | 46 | -.60 | 1 | 68 | 61 |
| 43314 KOZHIKODE | 1115N | 07547E | 5 | | 1009.1 | 1009.7 | 27.1 | 1.1 | 31.8 | | 30 | 600 | -.170 | 2 | | |
| 43333 PORT BLAIR | 1140N | 09243E | 79 | | 998.5 | 1006.8 | 27.5 | 1.4 | 31.8 | | 24 | 177 | -.223 | 1 | 96 | 87 |
| 43363 PAMBAN | 0916N | 07918E | 11 | | 1005.4 | 1006.7 | 30.3 | .4 | 31.1 | | 0 | 0 | -.18 | 2 | | |
| 43369 MINICOY | 0818N | 07309E | 2 | | 1009.8 | 1010.0 | 28.5 | .7 | 32.3 | | 14 | 197 | -.33 | 2 | 199 | 115 |
| 43371 THIRUVANANTHAPURAM | 0829N | 07657E | 64 | | 1002.6 | 1009.8 | 26.9 | .4 | 29.9 | | 13 | 159 | -.16 | 2 | 102 | 68 |
| SRI LANKA | | | | | | | | | | | | | | | | |
| 43418 TRINCOMALEE | 0835N | 08115E | 79 | | 998.5 | 1007.3 | 30.9 | .8 | 29.9 | 3.0 | 3 | 35 | -.35 | | | |
| 43424 PUTTALAM | 0802N | 07950E | 2 | | 1008.0 | 1008.3 | 28.5 | .0 | 32.7 | 3.5 | 1 | 2 | -.14 | | | |
| 43441 KURUNEGALA | 0728N | 08022E | 116 | | 995.9 | 1008.7 | 27.8 | .5 | 28.4 | .9 | 5 | 40 | -.74 | | | |
| 43466 COLOMBO | 0654N | 07952E | 7 | | 1008.3 | 1009.5 | 28.0 | .4 | 31.0 | 1.5 | 6 | 97 | -.28 | | 219 | 109 |
| 43473 NUWARA ELIYA | 0658N | 08046E | 1880 | | 812.7 | | 15.7 | .0 | 16.0 | .4 | 17 | 218 | 44 | | | |
| 43497 HAMBANTOTA | 0607N | 08108E | 20 | | 1006.6 | 1008.3 | 28.6 | 1.0 | 31.3 | 3.2 | 2 | 11 | -.37 | | | |
| MONGOLIA | | | | | | | | | | | | | | | | |
| 44203 RINCHINLHUMBE | 5107N | 09940E | 1583 | | 835.4 | 1005.4 | 13.8 | 1.2 | 11.4 | 1.6 | 14 | 150 | 72 | 5 | | |
| 44207 HATGAL | 5026N | 10000E | 1669 | | 827.9 | 1007.3 | 12.0 | .4 | 11.0 | 1.6 | 19 | 199 | 116 | 5 | | |
| 44212 ULAANGOM | 4948N | 09205E | 940 | | 901.8 | 1005.4 | 19.5 | .6 | 13.3 | 1.2 | 6 | 73 | 38 | 5 | 304 | 99 |
| 44213 BARUUNTURUUN | 4939N | 09424E | 1232 | | 871.3 | 1004.6 | 18.0 | .9 | 13.4 | 1.7 | 9 | 53 | -.1 | 3 | | |
| 44214 ULGI | 4856N | 08956E | 1716 | | 823.2 | 1003.1 | 17.6 | 1.3 | 8.2 | -2.6 | 8 | 26 | -.8 | 2 | | |
| 44215 OMNO-GOBI | 4901N | 09143E | 1590 | | 834.8 | 1003.4 | 17.2 | 1.0 | 13.1 | 2.4 | 5 | 20 | -.24 | 1 | | |
| 44218 HOVD | 4801N | 09134E | 1406 | | 853.1 | 1002.6 | 19.7 | 1.1 | 10.0 | -1.2 | 4 | 10 | -.25 | 1 | 156 | 52 |
| 44225 TOSONTSENGEL | 4844N | 09812E | 1724 | | 822.8 | 1006.2 | 14.9 | 1.1 | 10.9 | .9 | 16 | 88 | 28 | 5 | | |
| 44230 TARIALAN | 4934N | 10200E | 1236 | | 872.4 | 1006.2 | 17.5 | 1.5 | 14.6 | 2.3 | 15 | 138 | 34 | 5 | | |
| 44231 MUREN | 4938N | 10010E | 1285 | | 864.7 | 1004.3 | 17.8 | 1.6 | 14.1 | 2.5 | 10 | 90 | 31 | 4 | 192 | 70 |
| 44232 HUTAG | 4923N | 10240E | 938 | | 901.4 | 1005.1 | 18.9 | 1.5 | 16.8 | 3.3 | 13 | 89 | -.14 | 2 | | |
| 44237 ERDENEMANDAL | 4832N | 10120E | 1510 | | 842.8 | 1004.3 | 15.9 | 1.3 | 14.0 | 1.7 | 16 | 84 | -.5 | 4 | | |
| 44239 BULGAN | 4848N | 10330E | 1209 | | 871.6 | 1001.6 | 17.3 | 1.4 | 15.2 | 2.8 | 12 | 105 | 34 | 3 | | |
| 44241 BARUUNHARAA | 4855N | 10600E | 811 | | 915.1 | 1004.4 | 20.1 | 1.9 | 17.8 | 4.5 | 13 | 55 | -.7 | 2 | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|-------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 44256 DASHBALBAR | 4933N | 11420E | 706 | | 924.0 | 1007.9 | 19.8 | 1.2 | 16.4 | 2.4 | 10 | 56 | -56 | 1 | | |
| 44259 CHOIBALSAN | 4805N | 11430E | 747 | | 920.4 | 1006.9 | 20.4 | .6 | 13.9 | -.5 | 8 | 72 | 15 | 3 | 308 | 104 |
| 44265 BAITAG | 4607N | 09128E | 1186 | | 875.9 | 1003.7 | 21.3 | .4 | 13.6 | 1.4 | 3 | 16 | 2 | 4 | | |
| 44272 ULIASTAI | 4745N | 09651E | 1761 | | 817.0 | 1001.5 | 15.9 | .9 | 11.8 | 2.2 | 13 | 114 | 60 | 5 | 256 | 88 |
| 44275 BAYANBULAG | 4650N | 09805E | 2255 | | 771.8 | 1003.6 | 14.1 | 2.2 | 11.1 | 2.1 | 6 | 49 | 17 | 2 | | |
| 44277 ALTAI | 4624N | 09615E | 2182 | | 779.2 | 1003.8 | 15.2 | 1.5 | 12.7 | 4.4 | 5 | 43 | -5 | 3 | | |
| 44282 TSETSERLEG | 4727N | 10120E | 1693 | | 824.7 | 1004.9 | 15.5 | 1.2 | 11.0 | .1 | 19 | 153 | 78 | 5 | | |
| 44284 GALUUT | 4642N | 10000E | 2126 | | 784.2 | 1003.4 | 14.6 | 1.6 | 12.0 | 3.3 | 8 | 67 | 8 | 3 | | |
| 44285 HUIIRT | 4654N | 10240E | 1662 | | 828.0 | 1004.4 | 15.9 | 1.4 | 12.7 | 1.5 | 14 | 58 | -2 | 2 | | |
| 44287 BAYANHONGGOR | 4608N | 10040E | 1860 | | 808.4 | 1001.8 | 17.4 | 1.2 | 14.0 | 3.4 | 12 | 75 | 19 | 4 | | |
| 44288 ARVAIHEER | 4616N | 10240E | 1813 | | 813.2 | 1003.4 | 16.6 | 1.3 | 12.9 | 2.3 | 15 | 68 | 8 | 2 | | |
| 44292 ULAANBAATAR | 4755N | 10650E | 1307 | | 863.6 | 1005.3 | 18.0 | 1.4 | 13.0 | 1.4 | 16 | 87 | 30 | 4 | 299 | 120 |
| 44294 MAANTI | 4718N | 10720E | 1430 | | 850.8 | 1003.9 | 17.8 | 1.6 | 11.6 | -.9 | 10 | 59 | 1 | 2 | | |
| 44298 CHOIR | 4627N | 10810E | 1287 | | 867.5 | 1007.2 | 18.1 | -.5 | 11.8 | -1.8 | 3 | 17 | -38 | 1 | | |
| 44302 BAYAN-OVOO | 4747N | 11200E | 926 | | 901.8 | 1004.1 | 19.8 | 1.0 | 13.6 | -.1 | 9 | 61 | -18 | 2 | | |
| 44304 UNDERKHAAN | 4719N | 11030E | 1035 | | 890.4 | 1002.0 | 19.8 | 1.3 | 11.0 | -1.9 | 9 | 56 | -9 | 2 | | |
| 44305 BARUUN-URT | 4641N | 11310E | 982 | | 895.7 | 1003.9 | 20.2 | .2 | 14.2 | .4 | 10 | 94 | 33 | 5 | 177 | 59 |
| 44313 KHALKH-GOL | 4737N | 11830E | 689 | | 926.8 | 1003.7 | 20.0 | .0 | 15.0 | -.4 | 11 | 88 | -7 | 3 | | |
| 44314 MATAD | 4710N | 11530E | 907 | | 904.6 | 1000.6 | 19.6 | -.9 | 12.5 | -1.2 | 8 | 126 | 85 | 5 | | |
| 44317 ERDENETSAGAAN | 4554N | 11520E | 1076 | | 886.4 | 1003.6 | 19.3 | | 14.1 | | 9 | 70 | | 2 | | |
| 44336 SAIKHAN-OVOO | 4527N | 10350E | 1317 | | 861.9 | 1003.1 | 21.3 | 1.2 | 13.6 | 2.0 | 9 | 45 | 7 | 2 | | |
| 44341 MANDALGOBI | 4546N | 10610E | 1396 | | 853.5 | 1002.9 | 20.1 | 1.4 | 11.0 | -.6 | 9 | 68 | 29 | 5 | | |
| 44347 TSOGT-OVOO | 4425N | 10510E | 1298 | | 863.3 | 1001.0 | 22.0 | .6 | 10.2 | -2.7 | 6 | 90 | 63 | 5 | | |
| 44352 BAYANDELGER | 4544N | 11220E | 1101 | | 884.0 | 1003.7 | 21.2 | .7 | 18.2 | 4.2 | 7 | 22 | -33 | 1 | 211 | 65 |
| 44354 SAINSHAND | 4454N | 11000E | 938 | | 899.5 | 999.0 | 23.9 | 1.2 | 15.3 | .7 | 3 | 10 | -21 | 1 | 318 | 105 |
| 44358 ZAMYN-UUD | 4344N | 11150E | 965 | | 897.6 | 1002.0 | 23.8 | 1.0 | 16.4 | 1.8 | 4 | 28 | 0 | 3 | | |
| 44373 DALANZADGAD | 4335N | 10420E | 1465 | | 847.5 | 1002.8 | 22.1 | 1.1 | 10.2 | -1.7 | 6 | 42 | 10 | 4 | 261 | 85 |
| NEPAL | | | | | | | | | | | | | | | | |
| 44454 KATHMANDU AIRPORT | 2742N | 08522E | 1337 | | 858.6 | 1426 Y | 25.2 | | 26.9 | | 19 | 337 | | | 114 | 85 |
| 44477 DHANKUTA | 2659N | 08721E | 1210 | | 873.5 | 1451 Y | 25.2 | | 25.9 | | 15 | 120 | | | 117 | 130 |
| HONG KONG, CHINA | | | | | | | | | | | | | | | | |
| 45004 KOWLOON | 2219N | 11410E | 66 | | 996.6 | 1004.0 | 28.7 | -.3 | 32.6 | 1.1 | 18 | 548 | 221 | 5 | 181 | 78 |
| MACAO, CHINA | | | | | | | | | | | | | | | | |
| 45011 TAIPA GRANDE | 2210N | 11330E | 114 | | 991.2 | 1004.2 | 28.9 | | 32.5 | | 13 | 221 | | 2 | 198 | 90 |
| DPR KOREA | | | | | | | | | | | | | | | | |
| 47014 CHUNGGANG | 4147N | 12650E | 331 | | 968.7 | 1006.1 | 22.5 | -.1 | 19.2 | | 6 | 83 | -110 | 1 | 167 | 110 |
| 47016 HYESAN | 4124N | 12810E | 715 | | 925.0 | 1006.6 | 20.9 | .2 | 16.7 | | 9 | 84 | -51 | 4 | 186 | 95 |
| 47025 KIMCHAEK | 4040N | 12910E | 23 | | 1003.9 | 1006.6 | 19.6 | -.5 | 20.2 | | 8 | 33 | -87 | 1 | 157 | 110 |
| 47035 SINUIJU | 4006N | 12420E | 7 | | 1005.3 | 1006.1 | 22.9 | -.8 | 23.7 | | 12 | 258 | -45 | 4 | 91 | 55 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 47055 WONSAN | 3911N | 12720E | 36 | | 1002.7 | 1006.9 | 22.2 | -.3 | 22.2 | | 17 | 479 | 175 | 1 | 89 | 55 |
| 47058 PYONGYANG | 3902N | 12540E | 36 | | 1002.0 | 1006.4 | 23.5 | -.7 | 24.6 | | 12 | 459 | 178 | 5 | 121 | 65 |
| 47069 HAEJU | 3802N | 12540E | 81 | | 996.2 | 1005.5 | 22.9 | -.7 | 24.6 | | 16 | 406 | 62 | 5 | 84 | 65 |
| REPUBLIC OF KOREA | | | | | | | | | | | | | | | | |
| 47101 CHUNCHEON | 3754N | 12740E | 78 | | 997.6 | 1006.3 | 23.1 | -1.2 | 23.2 | -.8 | 22 | 908 | 561 | 6 | 58 | 39 |
| 47105 GANGNEUNG | 3745N | 12850E | 26 | | 1003.7 | 1006.7 | 21.9 | -2.0 | 21.5 | -2.1 | 20 | 758 | 541 | 6 | 40 | 28 |
| 47108 SEOUL | 3734N | 12650E | 86 | | 996.3 | 1006.1 | 23.1 | -1.5 | 23.4 | -1.6 | 20 | 1015 | 646 | 6 | 34 | 28 |
| 47115 ULLEUNGDO | 3729N | 13050E | 221 | | 981.6 | 1006.7 | 20.7 | -1.6 | 22.6 | -.6 | 20 | 526 | 403 | 6 | 72 | 48 |
| 47133 DAEJEON | 3622N | 12720E | 72 | | 998.4 | 1006.5 | 23.1 | -1.9 | 24.3 | -1.4 | 20 | 531 | 215 | 5 | 56 | 35 |
| 47138 POHANG | 3602N | 12920E | 4 | | 1007.0 | 1007.3 | 23.3 | -1.4 | 24.5 | .0 | 17 | 577 | 382 | 6 | 81 | 51 |
| 47159 BUSAN | 3506N | 12900E | 70 | | 999.5 | 1007.4 | 22.6 | -1.4 | 23.8 | -1.7 | 18 | 592 | 336 | 6 | 94 | 57 |
| 47165 MOKPO | 3449N | 12620E | 39 | | 1002.1 | 1006.4 | 25.0 | .3 | 27.6 | 1.0 | 13 | 333 | 123 | 5 | 95 | 61 |
| 47168 YEOSU | 3444N | 12740E | 67 | | 999.3 | 1007.0 | 23.1 | -1.1 | 25.0 | -.7 | 14 | 611 | 351 | 6 | 77 | 47 |
| 47184 JEJU | 3331N | 12630E | 23 | | 1003.8 | 1006.2 | 25.6 | .0 | 24.4 | -2.5 | 11 | 339 | 109 | 4 | 153 | 73 |
| JAPAN | | | | | | | | | | | | | | | | |
| 47401 WAKKANAI | 4525N | 14140E | 12 | | 1007.1 | 1008.5 | 18.4 | 1.6 | 18.1 | 1.5 | 3 | 40 | -53 | 1 | 199 | 132 |
| 47407 ASAHIKAWA | 4345N | 14220E | 140 | | 992.3 | 1008.5 | 20.6 | .2 | 18.4 | .0 | 8 | 133 | 37 | 5 | 197 | 112 |
| 47409 ABASHIRI | 4401N | 14410E | 44 | | 1004.0 | 1009.2 | 18.1 | 1.0 | 15.7 | -1.0 | 6 | 24 | -52 | 1 | 230 | 130 |
| 47412 SAPPORO | 4304N | 14120E | 26 | | 1005.4 | 1008.4 | 20.6 | .4 | 17.1 | -1.4 | 7 | 107 | 39 | 5 | 201 | 112 |
| 47418 KUSHIRO | 4259N | 14420E | 40 | | 1005.7 | 1010.5 | 15.9 | .6 | 15.4 | -.3 | 2 | 19 | -91 | 1 | 122 | 106 |
| 47420 NEMURO | 4320N | 14530E | 39 | | 1006.1 | 1010.8 | 14.2 | .0 | 14.0 | -1.1 | 1 | 13 | -89 | 0 | 101 | 83 |
| 47421 SUTTSU | 4248N | 14010E | 38 | | 1003.9 | 1008.4 | 18.4 | -.2 | 17.7 | -1.0 | 5 | 23 | -75 | 1 | 166 | 99 |
| 47426 URAKAWA | 4210N | 14240E | 37 | | 1005.4 | 1009.8 | 17.0 | -.2 | 17.8 | -.1 | 10 | 56 | -81 | 2 | 125 | 95 |
| 47430 HAKODATE | 4149N | 14040E | 44 | | 1003.9 | 1009.1 | 18.9 | -.4 | 17.5 | -1.6 | 9 | 62 | -52 | 2 | 95 | 65 |
| 47570 WAKAMATSU | 3729N | 13950E | 217 | | 983.8 | 1008.5 | 22.3 | -1.1 | 22.4 | -.2 | 20 | 396 | 238 | 6 | 87 | 53 |
| 47575 AOMORI | 4049N | 14040E | 4 | | 1007.8 | 1008.3 | 20.4 | -.5 | 19.0 | -1.4 | 9 | 109 | 9 | 4 | 127 | 71 |
| 47582 AKITA | 3943N | 14000E | 22 | | 1005.5 | 1008.0 | 22.2 | -.4 | 21.8 | -.3 | 17 | 230 | 44 | 4 | 91 | 52 |
| 47585 MIYAKO | 3939N | 14150E | 51 | | 1003.1 | 1009.0 | 18.6 | -1.4 | 19.7 | -.6 | 12 | 138 | 15 | 3 | 66 | 45 |
| 47590 SENDAI | 3816N | 14050E | 44 | | 1003.7 | 1008.8 | 21.5 | -.5 | 22.4 | .1 | 20 | 325 | 175 | 5 | 55 | 44 |
| 47598 ONAHAMA | 3657N | 14050E | 5 | | 1008.1 | 1008.7 | 22.3 | .8 | 23.2 | .7 | 19 | 328 | 215 | 6 | 77 | 52 |
| 47600 WAJIMA | 3724N | 13650E | 15 | | 1006.4 | 1008.1 | 23.0 | -.7 | 23.5 | -.6 | 20 | 483 | 291 | 6 | 87 | 49 |
| 47602 AIKAWA | 3802N | 13810E | 17 | | 1006.2 | 1008.2 | 22.4 | -.8 | 23.5 | .1 | 18 | 403 | 242 | 6 | 81 | 47 |
| 47605 KANAZAWA | 3635N | 13630E | 34 | | 1004.4 | 1008.3 | 24.3 | -.9 | 23.7 | -1.2 | 19 | 504 | 254 | 5 | 98 | 59 |
| 47618 MATSUMOTO | 3615N | 13750E | 612 | | 939.6 | 1007.3 | 23.0 | -.1 | 20.7 | -.1 | 16 | 367 | 231 | 6 | 117 | 66 |
| 47624 MAEBASHI | 3624N | 13900E | 114 | | 995.0 | 1008.0 | 24.7 | .3 | 23.3 | -.6 | 21 | 376 | 204 | 6 | 73 | 59 |
| 47636 NAGOYA | 3510N | 13650E | 56 | | 1002.0 | 1008.4 | 26.2 | .4 | 24.6 | -.8 | 17 | 275 | 63 | 4 | 119 | 76 |
| 47648 CHOSHI | 3544N | 14050E | 28 | | 1005.1 | 1008.4 | 23.1 | .5 | 26.8 | 2.2 | 13 | 165 | 65 | 4 | 89 | 55 |
| 47655 OMAEZAKI | 3436N | 13810E | 47 | | 1003.2 | 1008.6 | 23.5 | -1.0 | 26.2 | -.8 | 13 | 239 | 17 | 4 | 122 | 69 |
| 47662 TOKYO | 3541N | 13940E | 36 | | 1003.8 | 1008.0 | 25.6 | .4 | 24.2 | .0 | 14 | 165 | 39 | 4 | 59 | 43 |
| 47663 OWASE | 3404N | 13610E | 28 | | 1005.3 | 1008.5 | 25.5 | .6 | 26.2 | -.1 | 15 | 291 | -157 | 3 | 118 | 85 |
| 47675 OSHIMA | 3445N | 13920E | 80 | | 999.5 | 1008.6 | 23.6 | .6 | 26.7 | 1.3 | 12 | 235 | 23 | 4 | 94 | 74 |
| 47678 HACHIJOGIMA | 3307N | 13940E | 156 | | 992.1 | 1009.8 | 25.9 | .8 | 30.8 | 2.7 | 12 | 624 | 435 | 5 | 90 | 60 |
| 47740 SAIGO | 3612N | 13320E | 32 | | 1004.2 | 1007.9 | 23.5 | -.6 | 24.4 | -.9 | 17 | 557 | 362 | 6 | 91 | 49 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 47741 MATSUE | 3527N | 13300E | 23 | | 1005.3 | 1007.8 | 24.9 | -.3 | 25.8 | -.7 | 17 | 562 | 294 | 5 | 114 | 61 |
| 47746 TOTTORI | 3529N | 13410E | 16 | | 1006.3 | 1008.1 | 25.3 | -.2 | 25.7 | .2 | 17 | 340 | 138 | 5 | 101 | 56 |
| 47750 MAIZURU | 3527N | 13510E | 23 | | 1005.8 | 1008.4 | 25.3 | .1 | 25.1 | .2 | 17 | 433 | 264 | 5 | 89 | 54 |
| 47755 HAMADA | 3454N | 13200E | 24 | | 1005.1 | 1007.9 | 25.0 | -.1 | 28.5 | 2.5 | 16 | 453 | 189 | 5 | 125 | 68 |
| 47772 OSAKA | 3441N | 13530E | 83 | | 999.0 | 1008.4 | 27.2 | .2 | 26.3 | 1.0 | 13 | 305 | 149 | 5 | 108 | 59 |
| 47778 SHIONOMISAKI | 3327N | 13540E | 76 | | 1000.5 | 1009.1 | 25.9 | .7 | 29.9 | 2.0 | 14 | 364 | 79 | 4 | 133 | 71 |
| 47800 IZUHARA | 3412N | 12910E | 19 | | 1005.5 | 1007.7 | 24.9 | .1 | 27.3 | .6 | 13 | 776 | 434 | 5 | 111 | 83 |
| 47807 FUKUOKA | 3335N | 13020E | 15 | | 1006.2 | 1007.9 | 27.3 | .4 | 26.8 | .0 | 13 | 406 | 149 | 4 | 130 | 73 |
| 47815 OITA | 3314N | 13130E | 13 | | 1006.7 | 1008.2 | 26.9 | .8 | 27.7 | 1.0 | 16 | 429 | 189 | 5 | 132 | 73 |
| 47817 NAGASAKI | 3244N | 12950E | 36 | | 1004.3 | 1008.4 | 27.4 | .8 | 28.7 | .6 | 13 | 483 | 150 | 4 | 151 | 82 |
| 47827 KAGOSHIMA | 3133N | 13030E | 32 | | 1005.5 | 1009.1 | 28.9 | 1.5 | 28.8 | .3 | 12 | 433 | 130 | 5 | 201 | 106 |
| 47830 MIYAZAKI | 3156N | 13120E | 15 | | 1007.1 | 1008.8 | 27.6 | .7 | 29.0 | .5 | 13 | 541 | 253 | 5 | 189 | 88 |
| 47837 TANEHASHIMA | 3044N | 13050E | 38 | | 1005.2 | 1009.5 | 28.5 | 1.5 | 30.2 | -.3 | 3 | 143 | -46 | 2 | 232 | 99 |
| 47843 FUKUE | 3242N | 12850E | 27 | | 1004.8 | 1007.8 | 26.6 | .9 | 28.9 | .2 | 16 | 354 | 41 | 4 | 111 | 69 |
| 47887 MATSUYAMA | 3351N | 13240E | 34 | | 1004.6 | 1008.5 | 26.9 | .5 | 26.7 | 1.3 | 13 | 272 | 123 | 5 | 129 | 66 |
| 47891 TAKAMATSU | 3419N | 13400E | 14 | | 1006.6 | 1008.2 | 27.0 | .7 | 26.4 | -.2 | 13 | 249 | 120 | 5 | 120 | 58 |
| 47898 SHIMIZU | 3243N | 13300E | 34 | | 1005.2 | 1009.0 | 27.0 | .9 | 28.6 | -.2 | 13 | 147 | -92 | 3 | 166 | 76 |
| 47899 MUROTOMISAKI | 3315N | 13410E | 187 | | 987.7 | 1008.8 | 25.3 | .7 | 30.9 | 3.0 | 15 | 392 | 131 | 5 | 102 | 54 |
| 47909 NAZE | 2823N | 12930E | 8 | | 1008.5 | 1009.4 | 29.8 | 1.4 | 29.7 | -.2 | 6 | 33 | -187 | 1 | 215 | 96 |
| 47918 ISHIGAKIJIMA | 2420N | 12410E | 11 | | 1004.4 | 1005.7 | 28.9 | -.3 | 31.8 | -.4 | 9 | 169 | -12 | 4 | 248 | 93 |
| 47927 MIYAKOJIMA | 2448N | 12510E | 42 | | 1001.7 | 1006.3 | 28.1 | -.2 | 30.4 | -1.0 | 6 | 261 | 99 | 5 | 253 | 97 |
| 47936 NAHA | 2612N | 12740E | 28 | | 1005.1 | 1008.2 | 29.1 | .8 | 31.5 | .6 | 9 | 114 | -76 | 3 | 237 | 92 |
| 47945 MINAMIDAITOJIMA | 2550N | 13110E | 21 | | 1008.0 | 1010.3 | 29.2 | 1.1 | 30.9 | -.3 | 9 | 39 | -88 | 2 | 308 | 118 |
| 47971 CHICHIJIMA | 2706N | 14210E | 8 | | 1012.8 | 1013.7 | 28.2 | 1.0 | 29.6 | -.2 | 4 | 14 | -56 | 1 | 294 | 120 |
| 47991 MINAMITORISHIMA | 2417N | 15350E | 9 | | 1013.8 | 1014.8 | 28.1 | .1 | 30.1 | .6 | 8 | 124 | -58 | | 255 | 96 |
| THAILAND | | | | | | | | | | | | | | | | |
| 48327 CHIANG MAI | 1847N | 09859E | 314 | | 968.9 | 1004.1 | 26.4 | -.6 | 30.3 | 2.4 | 18 | 269 | 108 | 5 | 69 | 45 |
| 48354 UDON THANI | 1723N | 10240E | 178 | | 984.2 | 1004.2 | 28.6 | .7 | 29.9 | .3 | 15 | 226 | 4 | 5 | | |
| 48378 PHITSANULOK | 1647N | 10010E | 46 | | 999.9 | 1005.1 | 28.8 | .7 | 31.6 | 1.8 | 17 | 203 | 13 | 4 | 135 | 76 |
| 48400 NAKHON SAWAN | 1548N | 10010E | 35 | | 1001.2 | 1005.3 | 28.9 | .0 | 31.4 | 1.7 | 14 | 105 | -29 | 3 | 134 | 75 |
| 48431 NAKHON RATCHASIMA | 1458N | 10200E | 187 | | 984.5 | 1005.5 | 29.0 | 1.1 | 28.9 | .9 | 10 | 66 | -56 | 1 | | |
| 48455 BANGKOK | 1344N | 10030E | 4 | | 1006.2 | 1006.7 | 29.5 | 1.2 | 30.1 | .2 | 12 | 150 | -5 | 3 | 133 | 78 |
| 48462 ARANYAPRATHET | 1342N | 10230E | 49 | | 1001.2 | 1006.8 | 27.7 | .1 | 24.1 | -5.9 | 23 | 361 | 179 | 5 | | |
| 48480 CHANTHA BURI | 1237N | 10200E | 4 | | 1007.0 | 1007.4 | 28.0 | .9 | 31.8 | 1.2 | 18 | 585 | 145 | 4 | 102 | 73 |
| 48500 PRACHUAP KHIRIKHAN | 1150N | 09950E | 5 | | 1007.4 | 1008.1 | 27.7 | -.1 | 30.6 | 2.0 | 16 | 0230 | 0141 | 5 | | |
| 48517 CHUMPHON | 1029N | 09911E | 6 | | 1007.9 | 1008.6 | 27.9 | .9 | 30.5 | 1.2 | 23 | 313 | 139 | 5 | | |
| 48568 SONGKHLA | 0712N | 10030E | 7 | | 1008.4 | 1009.2 | 28.5 | .2 | 29.4 | .4 | 8 | 42 | -53 | 0 | 150 | 70 |
| VIET NAM | | | | | | | | | | | | | | | | |
| 48806 SON LA | 2120N | 10350E | 676 | | 928.1 | 1002.8 | 25.4 | | 27.9 | | 15 | 263 | | 3 | 128 | |
| 48808 CAO BANG | 2240N | 10610E | 244 | | 974.5 | 1001.8 | 27.3 | | 31.3 | | 16 | 346 | | 4 | 155 | 80 |
| 48820 HA NOI | 2102N | 10540E | 6 | | 1000.2 | 1001.0 | 30.0 | | 32.4 | | 11 | 247 | | 4 | 144 | 70 |
| 48826 PHU LIEN | 2048N | 10630E | 116 | | 989.0 | 1002.0 | 28.5 | | 32.9 | | 11 | 183 | | 3 | 162 | 75 |
| 48830 LANG SON | 2150N | 10640E | 263 | | 972.3 | 1001.8 | 27.1 | | 31.3 | | 15 | 358 | | 5 | 146 | 75 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 48840 THANH HOA | 1945N | 10540E | 5 | | 1000.7 | 1001.3 | 29.3 | | 32.0 | | 14 | 227 | | 5 | 173 | 75 |
| 48845 VINH | 1840N | 10540E | 6 | | 1000.9 | 1001.6 | 30.3 | | 30.2 | | 9 | 171 | | 4 | 184 | 75 |
| 48848 DONG HOI | 1729N | 10630E | 8 | | 1001.7 | 1002.5 | 30.0 | | 29.2 | | 6 | 37 | | 4 | 172 | |
| 48852 HUE | 1626N | 10730E | 10 | | 1002.3 | 1003.3 | 29.8 | | 29.5 | | 4 | 54 | | | 181 | 70 |
| 48855 DA NANG | 1604N | 10820E | 7 | | 1002.6 | 1003.4 | 30.1 | | 29.5 | | 9 | 127 | | 5 | 199 | 75 |
| 48870 QUY NHON | 1346N | 10910E | 6 | | 1004.2 | 1004.9 | 30.3 | | 27.1 | | 3 | 70 | | 5 | 177 | 70 |
| 48877 NHA TRANG | 1213N | 10910E | 4 | | 1006.0 | 1006.5 | 29.0 | | 30.1 | | 2 | 7 | | 1 | 217 | 85 |
| 48887 PHAN THIET | 1056N | 10800E | 8 | | 1007.3 | 1007.7 | 26.9 | | 29.8 | | 27 | 250 | | 4 | 185 | 85 |
| 48914 CA MAU | 0911N | 10500E | 2 | | 1008.0 | 1008.2 | 27.4 | | 31.7 | | 24 | 474 | | 5 | 125 | 75 |
| LAO PDR | | | | | | | | | | | | | | | | |
| 48930 LUANG-PRABANG | 1953N | 10200E | 305 | | 969.6 | 1004.0 | 28.1 | 1.1 | 24.5 | -6.1 | 22 | 307 | 79 | 4 | 70 | 56 |
| 48938 SAYABOURY | 1914N | 10140E | 326 | | 1002.0 | 27.3 | 29.3 | | 18 | 193 | | 3 | | | 65 | |
| 48940 VIENTIANE | 1757N | 10230E | 171 | | 985.0 | 1004.1 | 27.8 | .3 | 30.6 | .5 | 20 | 440 | 175 | 5 | | |
| 48946 THAKHEK | 1723N | 10430E | 152 | | 987.5 | 1005.1 | 27.7 | | 31.0 | | 29 | 746 | | | 89 | |
| 48947 SAVANNAKHET | 1633N | 10430E | 145 | | 990.1 | 1006.5 | 28.0 | 1.0 | 31.6 | 2.9 | 24 | 308 | 94 | 5 | | |
| 48948 SENO | 1640N | 10500E | 185 | | 984.5 | 1005.4 | 27.1 | | 31.4 | | 23 | 459 | | 5 | 110 | |
| 48955 PAKSE | 1507N | 10510E | 102 | | 994.4 | 1006.6 | 27.9 | 1.2 | 30.4 | .8 | 26 | 847 | 464 | 5 | 72 | 50 |
| CHINA | | | | | | | | | | | | | | | | |
| 50527 HILAR | 4913N | 11940E | 611 | | 934.6 | 1003.1 | 20.3 | .6 | 14.1 | -1.9 | 6 | 30 | -73 | 1 | 238 | 83 |
| 50745 QIQI HAR | 4723N | 12350E | 148 | | 985.9 | 1003.0 | 22.5 | -.3 | 18.7 | -1.3 | 12 | 192 | 55 | 5 | 268 | 100 |
| 51076 ALTAY | 4744N | 08805E | 737 | | 923.4 | 1005.2 | 21.9 | -.1 | 12.5 | .1 | 3 | 10 | -12 | 2 | 358 | 105 |
| 51431 YINING | 4357N | 08120E | 664 | | 932.3 | 1006.0 | 23.6 | .8 | 13.6 | -1.3 | 4 | 16 | -7 | 3 | 332 | 103 |
| 51463 WU LU MU QI | 4348N | 08739E | 947 | | 903.8 | 1005.6 | 24.5 | | 10.9 | | 2 | 12 | | 2 | 344 | 115 |
| 51709 KASHI | 3928N | 07559E | 1291 | | 864.4 | 1000.4 | 25.7 | .0 | 12.8 | .6 | 4 | 11 | 4 | 4 | 308 | 99 |
| 51777 RUOQIANG | 3902N | 08810E | 889 | | 903.7 | 998.8 | 28.1 | .9 | 12.3 | .5 | 1 | 5 | -5 | 2 | 262 | 86 |
| 51828 HOTAN | 3708N | 07956E | 1375 | | 855.4 | 999.1 | 26.4 | 1.0 | 12.4 | -.3 | 2 | 17 | 12 | 5 | 264 | 109 |
| 52203 HAMI | 4249N | 09331E | 739 | | 919.1 | 999.3 | 26.8 | .2 | 13.5 | 1.4 | 2 | 7 | 1 | 4 | 333 | 98 |
| 52533 JIUQUAN | 3946N | 09829E | 1478 | | 845.9 | 1001.8 | 22.0 | -.6 | 13.4 | -.3 | 4 | 52 | 33 | 5 | 245 | 87 |
| 52836 DOULAN | 3618N | 09806E | 3190 | | 691.0 | 1001.5 | 16.2 | 1.5 | 9.5 | 2.1 | 11 | 109 | 73 | 6 | 278 | 103 |
| 53068 ERENHOT | 4339N | 11200E | 966 | | 897.0 | 1001.5 | 24.0 | 1.0 | 11.7 | -.7 | 4 | 27 | -9 | 3 | 325 | 102 |
| 53614 YINCHUAN | 3828N | 10610E | 1112 | | 881.6 | 1000.3 | 24.9 | 1.6 | 18.4 | .7 | 5 | 124 | 82 | 5 | 230 | 81 |
| 53772 TAIYUAN | 3747N | 11230E | 779 | | 917.8 | 1002.8 | 25.7 | 2.4 | 20.9 | .3 | 4 | 39 | -81 | 1 | 185 | 79 |
| 54292 YANJI | 4252N | 12930E | 178 | | 976.4 | 1005.9 | 21.3 | .1 | 18.4 | -1.7 | 9 | 87 | -17 | 2 | 249 | 140 |
| 54342 SHENYANG | 4144N | 12331E | 43 | | 998.5 | 1004.2 | 24.2 | -.3 | 24.0 | .2 | 9 | 94 | -72 | 2 | 171 | 80 |
| 54511 BEIJING | 3956N | 11610E | 55 | | 1000.2 | 1003.9 | 25.9 | .0 | 23.5 | -1.6 | 11 | 155 | -20 | 2 | 137 | 61 |
| 54857 QINGDAO | 3604N | 12020E | 77 | | 996.0 | 1004.6 | 24.4 | -.6 | 28.1 | 1.7 | 10 | 143 | -34 | 4 | 106 | 58 |
| 55591 LHASA | 2940N | 09108E | 3650 | | 653.4 | 1004.6 | 24.4 | -.6 | 28.1 | 1.7 | | | | 1 | 264 | 116 |
| 56137 QAMDO | 3109N | 09710E | 3307 | | 680.8 | 993.7 | 17.9 | 2.6 | 10.5 | -.2 | 9 | 73 | -46 | | | |
| 56571 XICHANG | 2754N | 10210E | 1599 | | 834.0 | 24.5 | 1.9 | 19.5 | -.6 | | 8 | 80 | -22 | 2 | 247 | 125 |
| 56739 TENGCHONG | 2507N | 09829E | 1649 | | 829.7 | 20.8 | 1.3 | 21.0 | .7 | | 19 | 176 | -102 | 0 | 98 | 134 |
| 56778 KUNMING | 2501N | 10240E | 1892 | | 806.7 | 21.3 | 1.6 | 20.0 | 1.0 | | 13 | 251 | 47 | 4 | 132 | 94 |
| 56985 MENGZI | 2323N | 10320E | 1302 | | 863.3 | 1001.1 | 24.0 | | 20.9 | | 16 | 158 | | 3 | 153 | 105 |
| 57083 ZHENGZHOU | 3443N | 11330E | 111 | | 990.2 | 1002.9 | 27.1 | .0 | 27.9 | .9 | 6 | 182 | 36 | 4 | 94 | 44 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 57461 YICHANG | 3042N | 11110E | 134 | | 986.4 | 1001.5 | 29.3 | 1.4 | 29.1 | -.5 | 8 | 42 | -168 | 0 | 176 | 85 |
| 57745 ZHIJIANG | 2727N | 10940E | 273 | | 971.6 | 1002.2 | 27.9 | .5 | 28.0 | -.4 | 6 | 167 | 49 | 4 | 206 | 83 |
| 57993 GANZHOU | 2552N | 11500E | 138 | | 986.7 | 1002.3 | 29.8 | .3 | 26.6 | -1.9 | 12 | 258 | 162 | 6 | 247 | 90 |
| 58362 SHANGHAI | 3124N | 12120E | 8 | | 1003.5 | 1004.2 | 29.4 | | 29.4 | | 12 | 298 | | 5 | 143 | 65 |
| 58606 NANCHANG | 2836N | 11550E | 50 | | 996.6 | 1002.0 | 30.0 | .5 | 30.4 | -.5 | 10 | 55 | -67 | 2 | 236 | 90 |
| 59287 GUANGZHOU | 2310N | 11320E | 42 | | 998.9 | 1003.6 | 29.8 | 1.3 | 30.7 | -1.1 | 13 | 264 | 37 | 4 | 153 | 70 |
| 59316 SHANTOU | 2324N | 11640E | 3 | | 1003.4 | 1003.8 | 29.2 | 1.0 | 32.1 | .2 | 14 | 453 | 247 | 5 | 212 | 86 |
| 59431 NANNING | 2238N | 10810E | 126 | | 988.2 | 1002.0 | 28.0 | -.4 | 30.4 | -.7 | 16 | 462 | 261 | 5 | 164 | 75 |
| 59758 HAIKOU | 2002N | 11020E | 24 | | 1001.0 | 1002.7 | 30.0 | 1.6 | 30.6 | -1.0 | 13 | 157 | -53 | 2 | 213 | 82 |
| AFRICA | | | | | | | | | | | | | | | | |
| SPAIN (CANARY ISLANDS) | | | | | | | | | | | | | | | | |
| 60001 HIERRO/AEROPUERTO | 2749N | 01753W | 32 | | 1015.0 | 1018.7 | 23.5 | | 20.7 | | 0 | 0 | | 0 | 215 | 100 |
| 60005 LA PALMA/AEROPUERTO | 2837N | 01745W | 31 | | 1016.2 | 1019.7 | 23.4 | | 18.5 | | 0 | T | | 4 | 226 | 105 |
| 60010 IZANA | 2819N | 01630W | 2371 | | 774.2 | | 19.2 | | 4.4 | | 0 | 0 | | 4 | 396 | 105 |
| 60020 STA. CRUZ DE TENERIFE | 2827N | 01615W | 36 | | 1013.5 | 1017.9 | 25.1 | .6 | 17.7 | .5 | 0 | 0 | 0 | 5 | 340 | 102 |
| 60030 LAS PALMAS DE GRAN CANARIA/G | 2756N | 01523W | 47 | | 1011.9 | 1017.4 | 23.5 | .2 | 17.4 | -1.7 | 0 | T | -1 | 5 | 282 | 96 |
| 60035 FUERTEVENTURA/AEROPUERTO | 2827N | 01352W | 30 | | 1013.6 | 1017.1 | 23.5 | | 17.7 | | 0 | 0 | | 5 | 286 | 100 |
| 60040 LANZAROTE/AEROPUERTO | 2857N | 01336W | 21 | | 1014.5 | 1016.9 | 24.8 | 1.1 | 19.0 | -.3 | 0 | 0 | 0 | 5 | 290 | 103 |
| WESTERN SAHARA | | | | | | | | | | | | | | | | |
| 60096 DAKHLA | 2343N | 01556W | 12 | | 1012.4 | 1013.8 | 21.5 | | | | 0 | 0 | | 0 | 257 | 100 |
| MOROCCO | | | | | | | | | | | | | | | | |
| 60101 TANGER (AERODROME) | 3544N | 00554W | 21 | | 1014.6 | 1016.4 | 24.9 | 1.4 | 20.4 | | 0 | 0 | -2 | 0 | 356 | 105 |
| 60115 OUIDA | 3447N | 00156W | 470 | | 963.3 | 1015.0 | 27.5 | 2.7 | 15.7 | | 2 | 7 | 5 | 5 | 311 | 130 |
| 60120 KENITRA | 3418N | 00636W | 14 | | 1014.4 | 1016.1 | 24.8 | 1.8 | 23.0 | | 0 | T | -1 | 3 | 347 | 105 |
| 60135 RABAT-SALE | 3403N | 00646W | 84 | | 1006.8 | 1015.9 | 23.8 | 1.6 | 24.5 | | 0 | T | -1 | 0 | 337 | 95 |
| 60150 MEKNES | 3353N | 00532W | 576 | | 952.5 | 1014.9 | 27.4 | 2.2 | 14.3 | | 01 | 1 | -1 | 4 | 333 | 95 |
| 60195 MIDEKT | 3241N | 00444W | 1515 | | 855.0 | 1576 Y | 25.6 | 1.1 | 10.6 | | 2 | 10 | 5 | 5 | 244 | 55 |
| 60230 MARRAKECH | 3137N | 00802W | 468 | | 960.2 | 1013.5 | 29.4 | 1.1 | 15.6 | | 2 | 41 | 40 | 4 | 261 | 100 |
| 60265 OUARZAZATE | 3056N | 00654W | 1140 | | 891.9 | 1559 Y | 31.2 | 1.7 | 6.8 | | 01 | 1 | 0 | 4 | 270 | 65 |
| SPAIN (CEUTA AND MELILLA) | | | | | | | | | | | | | | | | |
| 60338 MELILLA | 3517N | 00257W | 55 | | 1009.7 | 1016.0 | 25.7 | 1.2 | 24.2 | 3.0 | 1 | 1 | 0 | 3 | 266 | 98 |
| ALGERIA | | | | | | | | | | | | | | | | |
| 60351 JIJEL-ACHOUAT | 3648N | 00553E | 10 | | 1015.0 | 1016.4 | 26.1 | | 23.3 | | 0 | 0 | | | 360 | 80 |
| 60353 JIJEL-PORT | 3649N | 00553E | 6 | | 1015.6 | 1016.3 | 26.7 | | 24.7 | | 0 | 0 | | | 358 | |
| 60355 SKIKDA | 3653N | 00654E | 3 | | 1016.4 | 1016.7 | 26.7 | 2.8 | 24.9 | | 1 | 1 | -1 | 4 | 371 | 85 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 60360 ANNABA | 3650N | 00749E | 4 | | 1015.5 | 1016.5 | 25.8 | 1.5 | 24.0 | | 1 | 2 | 0 | 4 | 369 | |
| 60367 EL-KALA | 3654N | 00827E | 13 | | 1016.5 | 1017.8 | 26.0 | | 26.8 | | 0 | 0 | | 4 | | |
| 60369 ALGER-PORT | 3646N | 00306E | 12 | | 1016.0 | 1016.8 | 26.4 | | 24.8 | | 0 | 0 | | | 355 | |
| 60387 DELLYS | 3655N | 00357E | 8 | | 1014.9 | 1015.5 | 25.2 | | 24.8 | | 0 | 0 | -4 | 2 | 346 | 75 |
| 60390 DAR-EL-BEIDA | 3641N | 00313E | 29 | | 1013.3 | 1016.6 | 26.2 | 1.6 | 24.4 | | 2 | 2 | | | 337 | 75 |
| 60395 TIZI-OUZOU | 3642N | 00403E | 189 | | 997.6 | 1015.4 | 28.8 | | 18.8 | | 0 | 0 | | | | |
| 60401 BEJAIA-PORT | 3645N | 00506E | 4 | | 1016.5 | 1017.0 | 26.8 | | 23.9 | | 1 | 1 | -4 | 3 | 356 | 80 |
| 60402 BEJAIA-AEROPORT | 3643N | 00504E | 3 | | 1016.0 | 1016.8 | 25.4 | 1.4 | 24.5 | | 1 | 5 | | | 358 | |
| 60403 GUELMA | 3628N | 00728E | 228 | | 991.0 | 1016.7 | 27.8 | | 18.1 | | 0 | 0 | | | | |
| 60405 BOUCHEGOUF | 3630N | 00743E | 111 | | 1004.4 | 1016.9 | 28.6 | | 18.2 | | 01 | 1 | | | | |
| 60410 TENES | 3630N | 00120E | 18 | | 1015.3 | 1017.4 | 26.2 | | 25.2 | | 0 | 0 | | | 340 | 75 |
| 60415 AIN-BESSAM | 3619N | 00332E | 748 | | 933.4 | 1569 Y | 27.5 | | 13.2 | | 1 | 10 | | | 358 | 80 |
| 60417 BOUIRA | 3623N | 00353E | 560 | | 952.9 | 1014.5 | 28.1 | | 14.9 | | 2 | 15 | | | 351 | 80 |
| 60419 CONSTANTINE | 3617N | 00637E | 694 | | 939.8 | 1015.8 | 26.8 | 1.6 | 16.0 | | 0 | T | -8 | 1 | 343 | 75 |
| 60421 OUM EL BOUAGHI | 3552N | 00707E | 891 | | 917.5 | 1560 Y | 26.4 | | 14.8 | | 4 | 13 | | | 338 | |
| 60423 SOUK AHRAS | 3617N | 00758E | 680 | | 920.4 | 1523 Y | 26.2 | | 15.7 | | 2 | 13 | | | 356 | |
| 60425 CHLEF | 3613N | 00120E | 144 | | 996.7 | 1014.9 | 31.5 | 2.5 | 17.3 | | 1 | 2 | 1 | 5 | 347 | |
| 60430 MILIANA | 3618N | 00214E | 721 | | 936.8 | 1015.2 | 28.6 | 2.0 | 14.5 | | 0 | T | -5 | 2 | 367 | |
| 60437 MEDEA | 3617N | 00244E | 1036 | | 901.0 | 1545 Y | 26.8 | | 14.9 | | 1 | 5 | | | 374 | |
| 60444 BORDJ-BOU-ARRERIDJ | 3604N | 00446E | 930 | | 1573 Y | 27.1 | | | 13.9 | | 5 | 13 | | | 351 | |
| 60445 SETIF | 3611N | 00515E | 1040 | | 905.7 | 1567 Y | 25.8 | | 12.2 | | 3 | 14 | | | 341 | |
| 60452 ARZEW | 3549N | 00016W | 4 | | 1015.4 | 1015.9 | 25.8 | | 25.7 | | 0 | 0 | | | 296 | 65 |
| 60457 MOSTAGANEM | 3553N | 00007E | 138 | | 999.3 | 1015.3 | 26.7 | | 21.9 | | 0 | 0 | | | 343 | |
| 60461 ORAN-PORT | 3542N | 00039W | 22 | | 1013.3 | 1015.8 | 25.2 | | 24.8 | | 0 | 0 | | | | |
| 60467 M'SILA | 3540N | 00430E | 442 | | 965.4 | 1013.8 | 31.7 | | 16.3 | | 3 | 29 | 1 | 5 | 359 | 80 |
| 60468 BATNA | 3545N | 00619E | 826 | | 924.8 | 1565 Y | 26.5 | 1.6 | 12.2 | | 2 | 5 | -2 | 5 | 349 | |
| 60471 BARIKA | 3520N | 00520E | 461 | | 964.3 | 1014.9 | 31.3 | | 15.5 | | 1 | 5 | | | 194 | |
| 60475 TEBESSA | 3525N | 00807E | 823 | | 926.0 | 1566 Y | 26.6 | 1.2 | 16.0 | | 4 | 8 | -3 | 3 | 358 | 80 |
| 60476 KHENCHELLA | 3528N | 00705E | 987 | | 908.3 | 1564 Y | 25.8 | | 12.9 | | 6 | 41 | | | 295 | |
| 60490 ORAN-SENIA | 3538N | 00036W | 91 | | 1005.0 | 1015.6 | 27.0 | 2.2 | 22.0 | | 0 | 0 | -1 | 2 | 327 | 75 |
| 60506 MASCARA-MATEMORE | 3536N | 00018E | 476 | | | 1014.6 | 30.1 | | 15.5 | | 2 | 2 | | | 333 | 75 |
| 60511 TIARET | 3521N | 00128E | 978 | | 905.9 | 1557 Y | 27.4 | | 12.4 | | 1 | 4 | | | 354 | 85 |
| 60514 KSAR CHELLALA | 3510N | 00219E | 801 | | 928.3 | 1575 Y | 29.6 | | 12.4 | | 2 | 8 | | | 346 | 75 |
| 60515 BOU-SAADA | 3520N | 00412E | 461 | | 965.3 | 1016.4 | 29.4 | | 10.5 | | 2 | 5 | | | 266 | |
| 60517 GHAZAOUET | 3506N | 00152W | 5 | | 1016.1 | 1016.6 | 26.1 | | 24.8 | | 0 | 0 | | | | |
| 60518 BENI-SAF | 3518N | 00121W | 70 | | 1006.5 | 1014.5 | 25.7 | | 25.5 | | 0 | 0 | | | 323 | 70 |
| 60520 SIDI-BEL-ABBES | 3512N | 00037W | 476 | | 963.1 | 1015.7 | 28.4 | | 14.3 | | 0 | 0 | | | 343 | |
| 60522 MAGHNIA | 3449N | 00147W | 428 | | 967.7 | 1015.2 | 28.2 | | 16.3 | | 2 | 13 | | | 334 | |
| 60525 BISKRA | 3448N | 00544E | 89 | | 1004.4 | 1014.3 | 34.4 | 1.2 | 14.6 | | 0 | 0 | -1 | 4 | 371 | |
| 60531 TLEMCEN-ZENATA | 3501N | 00128W | 247 | | 988.1 | 1015.9 | 27.1 | | 20.1 | | 0 | 0 | | | 338 | 75 |
| 60535 DJELFA | 3420N | 00323E | 1185 | | 887.0 | 1558 Y | 27.4 | 1.7 | 11.4 | | 4 | 19 | 10 | 5 | 318 | 75 |
| 60536 SAIDA | 3452N | 00009E | 752 | | 932.3 | 1563 Y | 29.0 | | 12.6 | | 0 | 0 | | | 335 | |
| 60540 EL-KHEITER | 3409N | 00004E | 1001 | | 904.1 | 1542 Y | 29.5 | | 9.8 | | 1 | 3 | | | 312 | 70 |
| 60545 LAGHOUAT | 3346N | 00256E | 763 | | 930.7 | 1556 Y | 31.9 | | 14.2 | | 0 | 0 | | | 310 | 70 |
| 60549 MECHERIA | 3335N | 00017W | 1150 | | 894.9 | | 29.2 | | 12.1 | | 2 | 4 | | | 276 | 65 |
| 60550 EL-BAYADH | 3340N | 00100E | 1347 | | 871.5 | 1567 Y | 28.1 | | 8.2 | | 1 | 4 | | | 336 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 60555 TOUGGOURT | 3307N | 00608E | 92 | | 1004.3 | 1014.5 | 34.4 | | 14.9 | | 0 | 0 | | | 370 | |
| 60557 NAAMA | 3316N | 00018W | 1166 | | 888.8 | 1560.0 | 29.2 | | 9.8 | | 01 | 1 | | | 306 | |
| 60559 EL-OUED | 3330N | 00647E | 69 | | 1006.3 | 1014.0 | 34.2 | 1.7 | 16.3 | | 0 | 0 | -1 | 4 | 358 | |
| 60560 AIN-SEFRA | 3246N | 00036W | 1059 | | 897.5 | 1546 Y | 30.6 | | 13.8 | | 1 | 2 | | | 271 | |
| 60563 HASSIR'MEL | 3256N | 00317E | 764 | | 930.5 | 1573 Y | 32.3 | | 11.5 | | 3 | 8 | | | 357 | 80 |
| 60566 GHARDAIA | 3224N | 00348E | 469 | | 962.6 | 1013.6 | 34.5 | 1.8 | 11.8 | | 3 | 17 | 16 | 6 | 357 | |
| 60571 BECHAR | 3130N | 00215W | 816 | | 925.1 | 1568 Y | 34.2 | 1.2 | 10.1 | | 0 | T | -1 | 3 | 312 | 70 |
| 60580 OUARGLA | 3156N | 00524E | 148 | | 996.5 | 1012.7 | 35.9 | | 12.9 | | 0 | 0 | | | 343 | |
| 60581 HASSI-MESSAOUD | 3140N | 00609E | 144 | | 997.4 | 1013.3 | 35.4 | 1.5 | 12.2 | | 0 | 0 | -1 | 5 | | |
| 60590 EL-GOLEA | 3034N | 00252E | 403 | | 969.1 | 1013.0 | 34.9 | 2.3 | 11.6 | | 0 | 0 | -1 | 5 | 354 | |
| 60602 BENI-ABBES | 3008N | 00210W | 505 | | 956.1 | 1010.1 | 37.3 | 2.4 | 9.4 | | 0 | 0 | -1 | 4 | 354 | |
| 60607 TIMIMOUN | 2915N | 00017E | 317 | | 975.9 | 1010.2 | 37.1 | 1.8 | 7.9 | | 0 | 0 | 0 | 5 | 337 | |
| 60620 ADRAR | 2753N | 00011W | 283 | | 978.7 | 1009.5 | 37.7 | 1.7 | 7.2 | | 0 | 0 | 0 | 5 | 348 | |
| 60630 IN-SALAH | 2714N | 00230E | 269 | | 980.1 | 1009.2 | 38.0 | 1.0 | 11.5 | | 0 | 0 | 0 | 5 | 382 | 90 |
| 60640 ILLIZI | 2630N | 00825E | 544 | | 951.2 | 1009.8 | 34.1 | | 11.6 | | 0 | 0 | | | | |
| 60656 TINDOUF | 2742N | 00810W | 443 | | 960.8 | 1009.2 | 35.8 | | 9.6 | | 0 | 0 | | | 294 | |
| 60670 DJANET | 2416N | 00928E | 970 | | 907.0 | 1545 Y | 31.4 | .3 | 6.8 | | 0 | 0 | -1 | 5 | 379 | 100 |
| 60680 TAMANRASSET | 2248N | 00526E | 1364 | | 865.6 | 1538 Y | 29.7 | 1.0 | 7.7 | | 4 | 27 | 23 | 5 | 306 | |
| 60686 BORDJ-BADJ-MOKHTAR | 2120N | 00057E | 399 | | 963.7 | 1006.6 | 36.5 | | 10.4 | | 1 | 1 | | | 143 | |
| 60690 IN-GUEZZAM | 1934N | 00546E | 401 | | 965.9 | 1009.2 | 36.9 | | 10.7 | | 0 | 0 | | | 216 | |
| TUNISIA | | | | | | | | | | | | | | | | |
| 60715 TUNIS-CARTHAGE | 3650N | 01014E | 4 | | 1015.9 | 1016.4 | 28.6 | 2.3 | 22.6 | | 0 | 0 | -3 | 3 | 371 | 104 |
| 60725 JENDOUBA | 3629N | 00848E | 144 | | 1000.3 | 1016.5 | 28.7 | 1.7 | 18.5 | | 1 | 15 | 10 | 5 | 310 | 89 |
| 60735 KAIROUAN | 3540N | 01006E | 68 | | 1008.6 | 1016.3 | 30.8 | 2.3 | 18.6 | | 1 | 2 | -4 | 4 | 360 | 99 |
| 60745 GAFSA | 3425N | 00849E | 314 | | 980.4 | 1015.6 | 30.3 | 1.4 | 14.0 | | 3 | 7 | 6 | 6 | 361 | 101 |
| 60765 GABES | 3353N | 01006E | 5 | | 1015.4 | 1016.0 | 28.6 | 2.0 | 26.0 | | 3 | 7 | 6 | 6 | 361 | 97 |
| NIGER | | | | | | | | | | | | | | | | |
| 61017 BILMA | 1841N | 01255E | 357 | | 968.4 | 1007.2 | 34.3 | | 12.4 | | 1 | 2 | | 4 | 298 | 90 |
| 61024 AGADEZ | 1658N | 00759E | 502 | | 953.2 | 1007.5 | 33.6 | | 15.9 | | 7 | 21 | | 2 | 186 | 55 |
| 61036 TILLABERY | 1412N | 00127E | 210 | | 986.8 | 1010.1 | 30.8 | | 26.5 | | 8 | 135 | | 4 | 241 | 90 |
| 61043 TAHOUA | 1454N | 00515E | 391 | | 965.0 | 1007.8 | 30.6 | | 23.7 | | 9 | 99 | | 3 | 257 | 90 |
| 61045 GOURE | 1359N | 01018E | 464 | | | | 30.9 | | 21.6 | | 8 | 51 | | 1 | 287 | |
| 61049 N'GUIGMI | 1415N | 01307E | 286 | | 976.5 | 1008.1 | 32.3 | | 23.4 | | 8 | 17 | | 1 | 253 | 95 |
| 61052 NIAMEY-AERO | 1329N | 00210E | 227 | | 985.2 | 1010.0 | 30.0 | | 26.5 | | 13 | 111 | | 2 | 224 | 85 |
| 61075 BIRNI-N'KONNI | 1348N | 00515E | 273 | | 979.7 | 1009.8 | 30.2 | | 25.3 | | 8 | 115 | | 2 | 268 | 100 |
| 61090 ZINDER | 1347N | 00859E | 453 | | 959.4 | 1009.0 | 30.1 | | 22.7 | | 8 | 96 | | 2 | 324 | 105 |
| 61096 MAINE-SOROA | 1314N | 01159E | 338 | | 971.1 | 1008.2 | 30.2 | | 26.3 | | 6 | 47 | | 1 | 251 | 95 |
| MAURITANIA | | | | | | | | | | | | | | | | |
| 61401 BIR MOGREIN | 2514N | 01137W | 364 | | 970.5 | 1009.7 | 34.5 | | | | 0 | T | | 4 | | |
| 61404 ZOUERATE | 2245N | 01229W | 343 | | 972.6 | 1009.9 | 35.0 | | 15.9 | | 4 | 21 | | | | |
| 61442 NOUAKCHOTT | 1806N | 01557W | 3 | | 1011.4 | 1011.8 | 27.9 | | 28.5 | | | | | | 233 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 61461 BOUTILIMIT | 1732N | 01441W | 77 | | 1004.4 | 1012.9 | 30.5 | | 24.8 | | | 5 | 159 | | 5 | | |
| 61497 NEMA | 1636N | 00716W | 269 | | | | 33.6 | | 24.9 | | | 4 | 62 | | 4 | | |
| 61498 KIFFA | 1638N | 01124W | 115 | | 996.9 | 1011.4 | 33.4 | | 28.0 | | | 5 | 63 | | | | |
| 61499 AIOUN EL ATROUSS | 1642N | 00936W | 223 | | 985.0 | 1019.6 | 33.8 | | 23.1 | | | 03 | 16 | | 0 | | |
| SENEGAL | | | | | | | | | | | | | | | | | |
| 61600 SAINT-LOUIS | 1603N | 01627W | 4 | | 1012.1 | 1012.6 | 27.8 | | 30.3 | 2.0 | 6 | 111 | 71 | 3 | 212 | 87 | |
| 61612 PODOR | 1639N | 01458W | 7 | | 1011.4 | 1012.2 | 30.3 | | 27.1 | | | 8 | 206 | 165 | 5 | 192 | |
| 61627 LINGUERE | 1523N | 01507W | 21 | | 1009.4 | 1011.7 | 30.9 | | 27.0 | 1.0 | 3 | 89 | 0 | 3 | 217 | 91 | |
| 61630 MATAM | 1539N | 01315W | 17 | | 1009.3 | 1011.2 | 32.8 | | 27.5 | 2.8 | 4 | 17 | -68 | 1 | 207 | 76 | |
| 61641 DAKAR/YOFF | 1444N | 01730W | 27 | | 1009.9 | 1013.1 | 27.7 | | 28.4 | .7 | 8 | 55 | -5 | 2 | 227 | 98 | |
| 61679 KAOLACK | 1408N | 01604W | 7 | | 1012.9 | 1013.7 | 29.5 | | 30.7 | | 9 | 78 | -56 | 1 | 209 | 84 | |
| 61687 TAMBACOUNDA | 1346N | 01341W | 50 | | 1006.6 | 1012.3 | 29.6 | | 28.8 | 1.0 | 11 | 60 | -125 | | 213 | 100 | |
| 61695 ZIGUINCHOR | 1233N | 01616W | 26 | | 1010.9 | 1013.5 | 27.4 | | 31.3 | 2.0 | 24 | 391 | 96 | 5 | 149 | 82 | |
| 61698 KOLDA | 1253N | 01458W | 10 | | 1011.9 | 1013.0 | 28.1 | | | | 8 | 99 | -156 | 0 | 199 | 95 | |
| OCEAN ISLANDS | | | | | | | | | | | | | | | | | |
| 61901 ST. HELENA IS. | 1556S | 00540W | 436 | | 969.8 | 1021.0 | 16.7 | | | | | 16 | 68 | | | 97 | 80 |
| 61976 SERGE-FROLLOW (ILE TROMELIN) | 1548S | 05430E | 13 | | 1018.2 | 1019.5 | 24.3 | | 22.2 | | 12 | 75 | | 6 | 205 | | |
| 61996 MARTIN DE VIVIES (ILE AMSTER | 3748S | 07730E | 29 | | 1018.2 | 1020.1 | 11.7 | | 9.9 | | 13 | 64 | -40 | 6 | | | |
| 61998 PORT-AUX-FRANCAIS (ILES KERG | 4918S | 07012E | 29 | | 993.2 | 996.4 | 2.2 | .2 | 5.7 | | 8 | 39 | -26 | 6 | 77 | 92 | |
| MAURITIUS | | | | | | | | | | | | | | | | | |
| 61986 ST. BRANDON (ST. RAPHAEL) | 1627S | 05937E | 4 | | 1018.3 | 1018.7 | 24.1 | .6 | 23.3 | -.1 | 13 | 39 | -20 | 2 | | | |
| 61988 RODRIGUES | 1941S | 06325E | 59 | | 1014.9 | 1021.2 | 22.1 | .2 | 19.9 | .3 | 20 | 159 | 74 | 5 | 211 | 91 | |
| 61990 PLAISANCE (MAURITIUS) | 2026S | 05741E | 57 | | 1016.8 | 1023.1 | 21.8 | .7 | 19.2 | -.3 | 16 | 104 | -.9 | 4 | | | |
| EGYPT | | | | | | | | | | | | | | | | | |
| 62306 MERSA MATRUH | 3120N | 02713E | 28 | | 1007.5 | 1011.0 | 25.8 | .8 | 23.2 | -.7 | 0 | 0 | | 3 | 378 | 102 | |
| 62337 EL ARISH | 3105N | 03349E | 32 | | 1004.4 | 1008.2 | 26.4 | .4 | 23.5 | .4 | 0 | 0 | | 0 | | | |
| 62378 HELWAN | 2952N | 03120E | 141 | | 992.8 | 1009.0 | 28.2 | .5 | 20.3 | 1.9 | 0 | 0 | | 5 | 363 | 104 | |
| 62414 ASSWAN | 2358N | 03247E | 200 | | 984.9 | 1006.5 | 34.1 | .5 | 10.9 | 1.4 | 0 | 0 | | 3 | 387 | 103 | |
| 62435 KHARGA | 2527N | 03032E | 78 | | 997.8 | 1006.9 | 32.7 | -.1 | 16.2 | 1.5 | 0 | 0 | | 3 | 374 | 104 | |
| SUDAN | | | | | | | | | | | | | | | | | |
| 62600 WADI HALFA | 2149N | 03121E | 190 | | 985.7 | 1006.1 | 34.1 | 1.3 | 12.7 | | 0 | 0 | -T | 0 | 359 | 85 | |
| 62640 ABU HAMED | 1932N | 03319E | 312 | | 970.8 | 1005.0 | 34.5 | .0 | 9.3 | | 0 | 0 | -5 | 0 | 356 | 80 | |
| 62641 PORT SUDAN | 1935N | 03713E | 42 | | 1001.3 | 1005.9 | 34.1 | .0 | 17.1 | | 0 | 0 | -3 | 0 | 270 | 65 | |
| 62650 DONGOLA | 1910N | 03029E | 226 | | 981.0 | 1006.8 | 35.3 | 1.7 | 10.4 | | 0 | 0 | -T | 0 | 357 | 90 | |
| 62660 KARIMA | 1833N | 03151E | 249 | | 977.4 | 1005.5 | 35.3 | .8 | 8.9 | | 0 | 0 | -7 | 0 | 347 | 85 | |
| 62680 ATBARA | 1742N | 03358E | 347 | | 967.1 | 1004.9 | 35.4 | 1.4 | 14.9 | | 0 | 0 | -19 | 0 | 368 | 75 | |
| 62721 KHARTOUM | 1536N | 03233E | 382 | | 964.1 | 1006.6 | 34.1 | 2.0 | 21.8 | | 1 | 1 | -45 | 0 | | | |
| 62730 KASSALA | 1528N | 03624E | 500 | | | | 33.7 | 3.7 | 20.1 | | 5 | 30 | -46 | 1 | 262 | 65 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 62751 WAD MEDANI | 1424N | 03329E | 408 | | 964.0 | 1008.9 | 30.3 | .5 | 22.4 | | 9 | 43 | -45 | 2 | 239 | 60 |
| 62752 GEDAREF | 1402N | 03524E | 599 | | 942.7 | 1009.3 | 28.2 | 1.1 | 23.9 | | 18 | 223 | 40 | 4 | 204 | 55 |
| 62760 EL FASHER | 1337N | 02520E | 733 | | 927.5 | 1006.3 | 30.9 | 2.0 | 19.9 | | 6 | 69 | 10 | 4 | 229 | 55 |
| 62762 SENNAR | 1333N | 03337E | 418 | | 960.9 | 1007.2 | 29.5 | .6 | 24.1 | | 9 | 60 | -39 | 4 | 208 | 55 |
| 62770 GENINA | 1329N | 02227E | 805 | | 923.3 | 1010.3 | 29.9 | 3.0 | 20.4 | | 7 | 52 | -115 | 1 | 219 | 55 |
| 62771 EL OBEID | 1310N | 03014E | 574 | | 945.1 | 1008.3 | 28.6 | .1 | 22.7 | | 8 | 191 | 93 | 5 | 209 | 50 |
| 62772 AROMA | 1310N | 03240E | 381 | | 965.7 | 1008.0 | 29.6 | .9 | 24.2 | | 10 | 130 | 33 | 4 | 207 | 50 |
| 62781 EN NAHUD | 1242N | 02826E | 565 | | 947.6 | 1009.7 | 28.5 | .1 | 24.1 | | 9 | 119 | 14 | 4 | 195 | 95 |
| 62790 NYALA | 1203N | 02453E | 643 | | 939.0 | 1010.2 | 27.6 | -.1 | 23.1 | | 11 | 133 | 14 | 4 | 197 | |
| 62795 ABU NA'AMA | 1244N | 03408E | 445 | | 959.5 | 1008.7 | 27.7 | .2 | 24.2 | | 4 | 202 | 66 | 5 | 192 | |
| 62805 DAMAZINE | 1147N | 03423E | 474 | | 956.5 | 1008.8 | 27.4 | .7 | 25.1 | | 18 | 163 | -26 | 3 | 155 | 90 |
| 62810 KADOGLLI | 1100N | 02943E | 499 | | 956.4 | 1011.7 | 27.8 | .9 | 23.2 | | 10 | 120 | -14 | 3 | 184 | |
| 62840 MALKAL | 0933N | 03139E | 388 | | 967.5 | 1011.3 | 26.5 | .0 | 25.9 | | 5 | 0047 | -099 | 1 | | |
| 62941 JUBA | 0452N | 03136E | 460 | | 959.0 | 1011.3 | 27.9 | 2.0 | 23.3 | | 9 | 61 | -75 | 1 | 157 | |
| ETHIOPIA | | | | | | | | | | | | | | | | |
| 63331 GONDAR | 1233N | 03725E | 1967 | | 806.6 | 1011.2 | 18.8 | | 16.8 | | 26 | 293 | | 4 | 129 | |
| 63402 JIMMA | 0740N | 03650E | 1725 | | 836.7 | 1002.3 | 20.0 | | 18.2 | | 27 | 327 | | 6 | 126 | |
| 63450 ADDIS ABABA-BOLE | 0902N | 03845E | 2354 | | 773.9 | 1012.4 | 16.4 | | 14.0 | | 28 | 313 | | 5 | 118 | |
| 63471 DIREDAWA | 0936N | 04151E | 1260 | | 883.2 | 1003.6 | 27.8 | | 16.6 | | 13 | 87 | | | 253 | 110 |
| UNITED REPUBLIC OF TANZANIA | | | | | | | | | | | | | | | | |
| 63756 MWANZA | 0228S | 03255E | 1140 | | 888.4 | 1520 Y | 22.4 | | 15.6 | | | | | | | 299 |
| 63832 TABORA AIRPORT | 0505S | 03250E | 1190 | | 884.2 | 1513 Y | 21.5 | | 13.2 | | 0 | 0 | 0 | | 313 | |
| 63862 DODOMA | 0610S | 03546E | 1120 | | 893.8 | 1547 Y | 20.1 | | 14.2 | | 0 | 0 | 0 | | 302 | |
| 63894 DAR ES SALAAM INT | 0652S | 03912E | 55 | | 1011.7 | 1018.0 | 23.4 | | 23.0 | | 4 | 15 | -16 | | 261 | |
| 63962 SONGEA | 1041S | 03535E | 1067 | | 901.5 | 1567 Y | 19.3 | | 13.6 | | 1 | 3 | 0 | | 194 | |
| 63971 MTWARA | 1016S | 04011E | 113 | | 1005.5 | 1018.6 | 23.1 | | 22.9 | | 6 | 47 | 33 | | 237 | |
| SEYCHELLES | | | | | | | | | | | | | | | | |
| 63980 SEYCHELLES INTERNATIONAL AIR | 0440S | 05531E | 3 | | 1013.1 | 1013.5 | 26.2 | .4 | 27.1 | .4 | 10 | 52 | -28 | 3 | 266 | 116 |
| CONGO | | | | | | | | | | | | | | | | |
| 64400 POINTE-NOIRE | 0449S | 01154E | 17 | | 1012.7 | 1014.7 | 23.0 | | 23.9 | | 0 | T | | | 4 | |
| 64401 DOLISIE | 0412S | 01242E | 331 | | | | 22.8 | | 21.5 | | 0 | 0 | | | | |
| 64402 MOUYONDZI | 0400S | 01357E | 512 | | 955.2 | | 22.5 | | 21.5 | | 0 | 0 | | | | |
| 64450 BRAZZAVILLE /MAYA-MAYA | 0415S | 01515E | 319 | | 977.4 | 1012.9 | 23.9 | | 21.8 | | 0 | 0 | | | 1 | 147 |
| 64452 M'POUYA | 0237S | 01613E | 313 | | | | 26.8 | | 16.4 | | 2 | 9 | | | | 115 |
| 64453 DJAMBALA | 0232S | 01446E | 791 | | 924.5 | 1005.4 | 22.1 | | 21.5 | | 2 | 18 | | | 0 | |
| 64455 MAKOUA | 0001S | 01539E | 394 | | | | 24.5 | | 26.0 | | 2 | 29 | | | 3 | |
| 64458 OUESSO | 0137N | 01603E | 352 | | 972.1 | 1011.7 | 25.0 | | 27.7 | | 11 | 15 | | | 5 | |
| 64459 IMPFONDO | 0137N | 01804E | 335 | | | | 25.2 | | 28.1 | | 9 | 209 | | | 1 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|---------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| GABON | | | | | | | | | | | | | | | | | |
| 64500 LIBREVILLE | 0027N | 00925E | 15 | | 1012.5 | 1013.9 | 24.9 | .6 | 26.6 | | | 1 | 5 | -1 | | 125 | 105 |
| 64501 PORT-GENTIL | 0042S | 00845E | 4 | | 1013.9 | 1014.9 | 23.3 | -.2 | 24.9 | | | 0 | 0 | -3 | | | |
| 64507 TCHIBANGA | 0251S | 01101E | 83 | | | | 23.8 | .5 | 23.9 | | | 0 | T | -1 | | | |
| 64510 BITAM | 0205N | 01129E | 600 | | | | 23.4 | .0 | 24.7 | | | 5 | 17 | -31 | | | |
| 64556 MAKOKOU | 0034N | 01252E | 515 | | 955.5 | 1012.4 | 22.8 | .6 | 24.6 | | | 2 | 8 | -1 | | 354 | |
| CENTRAL AFRICAN REPUBLIC | | | | | | | | | | | | | | | | | |
| 64650 BANGUI | 0424N | 01831E | 366 | | 970.6 | 1011.5 | 24.9 | | 26.6 | | | 10 | 191 | | | 148 | |
| 64662 ALINDAO | 0503N | 02112E | 449 | | 961.6 | 1011.2 | 24.4 | | 26.8 | | | 13 | 218 | | | | |
| CHAD | | | | | | | | | | | | | | | | | |
| 64700 NDJAMENA | 1208N | 01502E | 295 | | 976.5 | 1009.7 | 29.0 | | 26.7 | | | 10 | 174 | 30 | 2 | 246 | 115 |
| 64706 MOUNDOU | 0834N | 01604E | 428 | | 963.3 | 1010.1 | 25.7 | | 27.3 | | | 17 | 221 | -36 | 3 | 206 | 113 |
| BENIN | | | | | | | | | | | | | | | | | |
| 65306 KANDI | 1108N | 00256E | 292 | | 978.9 | 1011.4 | 27.7 | 1.3 | 28.5 | | | 11 | 168 | -28 | | 231 | 104 |
| 65319 NATITINGOU | 1019N | 00123E | 461 | | 961.3 | 1012.5 | 26.2 | 1.1 | 27.6 | | | 15 | 72 | -153 | | 178 | 109 |
| 65330 PARAKOU | 0921N | 00237E | 393 | | 968.8 | 1012.5 | 26.0 | .9 | 26.4 | | | 10 | 129 | -60 | | 151 | 105 |
| 65335 SAVE | 0802N | 00228E | 200 | | 990.0 | 1012.5 | 26.3 | .9 | 28.7 | | | 11 | 80 | -95 | | 145 | 134 |
| 65338 BOHICON | 0710N | 00204E | 167 | | 994.5 | 1013.4 | 26.0 | .5 | 27.6 | | | 17 | 17 | -125 | 1 | 154 | 135 |
| 65344 COTONOU | 0621N | 00223E | 9 | | 1011.6 | 1012.7 | 26.8 | 1.0 | 29.3 | | | 9 | 143 | -4 | 4 | 132 | 97 |
| GHANA | | | | | | | | | | | | | | | | | |
| 65442 KUMASI | 0643N | 00136W | 293 | | 981.3 | 1014.6 | 25.1 | | 26.3 | | | 5 | 67 | | | | |
| BURKINA FASO | | | | | | | | | | | | | | | | | |
| 65501 DORI | 1402N | 00002W | 277 | | 979.7 | 1010.5 | 30.2 | | 24.6 | | | 7 | 80 | | 1 | 238 | |
| 65502 OUAHIGOUEYA | 1334N | 00225W | 337 | | 973.2 | 1010.4 | 29.0 | | 25.0 | | | 10 | 166 | | 4 | 270 | |
| 65503 OUAGADOUGOU | 1221N | 00131W | 316 | | 977.5 | 1011.5 | 28.2 | | 26.8 | | | 9 | 168 | | 2 | 248 | 105 |
| 65505 DEDOUGOU | 1228N | 00329W | 300 | | 977.8 | 1011.5 | 27.5 | | 27.4 | | | 12 | 152 | | 5 | 255 | |
| 65507 FADA N'GOURMA | 1202N | 00022E | 309 | | 977.1 | 1011.6 | 27.1 | | 28.1 | | | 14 | 237 | | 4 | 217 | |
| 65510 BOBO-DIOULASSO | 1110N | 00419W | 460 | | 961.0 | 1012.1 | 26.2 | | 26.8 | | | 12 | 116 | | 1 | 213 | |
| 65516 BOROMO | 1145N | 00256W | 271 | | 981.3 | 1011.5 | 27.8 | | 27.1 | | | 8 | 181 | | 3 | 239 | |
| 65518 PO | 1109N | 00109W | 322 | | 975.2 | 1011.3 | 26.5 | | 29.5 | | | 14 | 192 | | 3 | 230 | |
| 65522 GAOUA | 1020N | 00311W | 335 | | 979.7 | 1012.3 | 26.5 | | 27.7 | | | 13 | 157 | | 2 | 217 | |
| MOZAMBIQUE | | | | | | | | | | | | | | | | | |
| 67323 INHAMBAÑE | 2352S | 03523E | 15 | | 1020.6 | 1022.2 | 21.2 | | 19.0 | | | 3 | 0018 | | 2 | | |
| NAMIBIA | | | | | | | | | | | | | | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 68014 GROOTFONTEIN | 1936S | 01807E | 1411 | 854.8 | | | 16.2 | | 6.7 | | | 0 | 0 | -1 | | | |
| 68110 WINDHOEK | 2234S | 01706E | 1728 | 832.3 | | | 17.3 | | 4.5 | | | 0 | 0 | -1 | | | |
| 68112 HOSEA KUTAKO INT'L AIRPORT | 2229S | 01728E | 1715 | 837.5 | | | 11.0 | | 4.4 | | | 0 | 0 | -1 | | | |
| SOUTH AFRICA | | | | | | | | | | | | | | | | | |
| 68174 PIETERSBURG | 2350S | 02925E | 1228 | 886.5 | 1580 Y | 13.7 | | | 8.3 | | | 0 | 0 | -3 | 4 | 302 | 108 |
| 68242 MMABATHO | 2547S | 02532E | 1281 | 880.1 | 1574 Y | 14.0 | | | 7.4 | | | 0 | 0 | | | 301 | |
| NAMIBIA | | | | | | | | | | | | | | | | | |
| 68312 KEETMANSHOOP | 2632S | 01807E | 1100 | 895.4 | | | 15.0 | | 4.4 | | | 0 | 0 | -3 | 3 | | |
| SOUTH AFRICA | | | | | | | | | | | | | | | | | |
| 68368 JOHANNESBURG INTNL. AIRPORT | 2609S | 02814E | 1720 | 837.8 | 1574 Y | 12.4 | | | 5.5 | | | 0 | 0 | -4 | 3 | 293 | 104 |
| 68424 UPINGTON | 2825S | 02116E | 851 | 925.2 | 1553 Y | 13.5 | | | 5.2 | | | 0 | 0 | -2 | 4 | 295 | 102 |
| 68438 KIMBERLEY | 2848S | 02446E | 1204 | 887.9 | 1561 Y | 11.8 | | | 6.5 | | | 1 | 3 | -4 | 4 | 282 | 99 |
| 68442 BLOEMFONTEIN AIRPORT | 2906S | 02618E | 1359 | 872.3 | 1566 Y | 8.3 | | | 5.7 | | | 0 | T | -9 | 3 | 264 | 97 |
| 68461 BETHLEHEM | 2815S | 02820E | 1690 | 838.6 | 1576 Y | 8.6 | | | 6.0 | | | 2 | | | 3 | 273 | 105 |
| 68512 SPRINGBOK | 2940S | 01754E | 1007 | 905.9 | 1542 Y | 12.4 | | | 8.1 | | | 5 | 31 | | 4 | 235 | |
| 68538 DE AAR | 3039S | 02400E | 1287 | 877.6 | 1552 Y | 10.5 | | | 6.4 | | | 3 | 12 | | 4 | 275 | |
| 68588 DURBAN INTNL. AIRPORT | 2958S | 03057E | 14 | 1019.2 | 1020.8 | 17.6 | | | 14.0 | | | 0 | 0 | -39 | 0 | 260 | 113 |
| 68618 CALVINIA | 3128S | 01946E | 975 | 909.5 | 1542 Y | 10.9 | | | 7.0 | | | 4 | 11 | | | 237 | 95 |
| 68816 CAPE TOWN INTNL. AIRPORT | 3358S | 01836E | 46 | 1014.8 | 1019.8 | 12.8 | | | 12.3 | | | 14 | 71 | -12 | 3 | 158 | 82 |
| 68828 GEORGE AIRPORT | 3401S | 02223E | 191 | 996.2 | 1019.2 | 13.9 | | | 11.1 | | | 10 | 90 | | | 179 | 80 |
| 68842 PORT ELIZABETH | 3359S | 02537E | 69 | 1011.8 | 1019.3 | 14.3 | | | 11.4 | | | 5 | 20 | -27 | 2 | 213 | 94 |
| 68858 EAST LONDON | 3302S | 02750E | 131 | 1006.4 | 1020.2 | 16.1 | | | 11.2 | | | 2 | 7 | -40 | 1 | 229 | 97 |
| 68906 GOUGH ISLAND | 4021S | 00953W | 54 | 1004.8 | 1011.3 | 9.8 | | | 9.3 | | | 23 | 273 | 0 | 3 | 71 | 100 |
| 68994 MARION ISLAND | 4653S | 03752E | 22 | 1007.6 | 1010.5 | 4.7 | | | 7.1 | | | 15 | 126 | -68 | 1 | 55 | 85 |
| N AMERICA | | | | | | | | | | | | | | | | | |
| USA (ALASKA) | | | | | | | | | | | | | | | | | |
| 70026 BARROW/W. POST W. ROGERS | 7117N | 15640W | 12 | 1010.9 | 4.0 | -.1 | 6.4 | | | | | 7 | 27 | 4 | 4 | | |
| 70133 KOTZEBUE, RALPH WIEN | 6653N | 16230W | 5 | 1009.4 | 11.7 | -.4 | 11.5 | | | | | 8 | 48 | 11 | 4 | | |
| 70200 NOME, AK | 6430N | 16520W | 6 | 1010.2 | 10.1 | -.7 | 10.5 | | | | | 9 | 62 | 7 | 4 | | |
| 70219 BETHEL/BETHEL AIRPORT, AK | 6046N | 16150W | 44 | 1013.0 | 14.2 | 1.4 | 11.7 | | | | | 11 | 36 | -14 | 1 | | |
| 70231 MCGRATH, AK | 6257N | 15530W | 103 | 1012.0 | 15.9 | 1.1 | 12.0 | | | | | 10 | 42 | -10 | 3 | | |
| 70249 PUNTILLA | 6206N | 15240W | 560 | | | | 12.3 | | 13.5 | | | 3 | 9 | | | | |
| 70251 TALKEETNA | 6218N | 15000W | 109 | 1013.4 | 15.4 | .7 | 12.0 | | | | | 9 | 65 | -27 | 2 | | |
| 70261 FAIRBANKS/INT., AK | 6448N | 14750W | 135 | 1011.9 | 16.5 | -.4 | 12.0 | | | | | 10 | 57 | 10 | 5 | | |
| 70273 ANCHORAGE/INT., AK | 6109N | 14950W | 50 | 1013.5 | 14.7 | .0 | 11.2 | | | | | 4 | 37 | -6 | 2 | | |
| 70308 ST. PAUL ISLANDS, AK | 5709N | 17010W | 10 | 1013.0 | 8.8 | 1.0 | 10.1 | | | | | 6 | 23 | -25 | 1 | | |
| 70316 COLD BAY, AK | 5512N | 16240W | 31 | 1013.7 | 10.8 | .5 | 11.1 | | | | | 11 | 45 | -19 | 2 | | |

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 70326 KING SALMON, AK | 5840N | 15630W | 14 | | 1012.5 | 12.8 | .2 | 10.9 | | | 8 | 52 | -4 | 3 | | |
| 70341 HOMER/MUNICIPAL | 5938N | 15130W | 24 | | 1014.1 | 12.3 | .4 | 10.9 | | | 5 | 18 | -19 | 2 | | |
| 70361 YAKUTAT, AK | 5931N | 13940W | 13 | | 1016.6 | 12.6 | .6 | 12.1 | | | 13 | 189 | -18 | 5 | | |
| 70398 ANNETTE ISLAND, AK | 5502N | 13130W | 35 | | 1017.9 | 14.9 | .3 | 13.0 | | | 12 | 129 | 21 | 3 | | |
| USA | | | | | | | | | | | | | | | | |
| 72201 KEY WEST/INT., FL | 2433N | 08145W | 5 | | 1017.4 | 28.8 | -.3 | 28.5 | | | 17 | 164 | 73 | 5 | | |
| 72203 WEST PALM BEACH/ INT. FL. | 2641N | 08006W | 7 | | 1018.4 | 28.0 | .1 | 28.3 | | | 13 | 125 | -31 | 3 | | |
| 72205 ORLANDO/JETPORT FL. | 2826N | 08119W | 32 | | 1018.3 | 28.1 | .2 | 27.1 | | | 16 | 178 | -6 | 3 | | |
| 72206 JACKSONVILLE/INTNL., | 3029N | 08142W | 11 | | 1018.2 | 27.3 | -.3 | 25.0 | | | 7 | 101 | -41 | 2 | | |
| 72207 SAVANNAH/MUNICIPAL, | 3208N | 08112W | 15 | | 1018.3 | 27.4 | -.3 | 23.2 | | | 7 | 76 | -86 | 5 | | |
| 72208 CHARLESTON/MUN., SC. | 3253N | 08001W | 15 | | 1018.2 | 27.8 | .3 | 24.8 | | | 6 | 98 | -75 | 1 | | |
| 72211 TAMPA/INT., FL. | 2758N | 08232W | 8 | | 1018.1 | 28.2 | .2 | 26.6 | | | 17 | 240 | 73 | 4 | | |
| 72214 TALLAHASSEE/MUN., | 3023N | 08421W | 19 | | 1018.1 | 28.1 | .7 | 23.5 | | | 10 | 100 | -124 | 1 | | |
| 72217 MACON/LEWIS B.WILSON, GA. | 3242N | 08339W | 110 | | 1017.6 | 28.2 | .9 | 20.6 | | | 8 | 87 | -22 | 2 | | |
| 72218 AUGUSTA/BUSH FIELD, | 3322N | 08158W | 45 | | 1017.7 | 27.4 | .3 | 22.5 | | | 5 | 38 | -69 | 1 | | |
| 72219 ATLANTA/MUN., GA. | 3339N | 08425W | 315 | | 1017.9 | 27.2 | 1.2 | 21.9 | | | 5 | 33 | -94 | 1 | | |
| 72223 MOBILE/BATES FIELD, | 3041N | 08815W | 67 | | 1017.8 | 27.7 | -.2 | 24.4 | | | 11 | 121 | -53 | 1 | | |
| 72226 MONTGOMERY/DANNELLY, | 3218N | 08624W | 67 | | 1017.5 | 28.5 | 1.1 | 21.7 | | | 7 | 49 | -82 | 1 | | |
| 72231 NEW ORLEANS/MOISANT INT., LA | 2959N | 09015W | 9 | | 1017.6 | 28.4 | .7 | 26.7 | | | 14 | 123 | -32 | 2 | | |
| 72234 MERIDIAN/KEY, MS. | 3220N | 08845W | 94 | | 1017.3 | 28.4 | | 22.7 | | | 13 | 98 | | 3 | | |
| 72235 JACKSON/ALLEN C. THOMPSON FI | 3219N | 09004W | 91 | | 1017.0 | 28.0 | .5 | 22.7 | | | 5 | 135 | 21 | 4 | | |
| 72240 LAKE CHARLES/MUN., | 3007N | 09312W | 5 | | 1017.3 | 27.9 | .0 | 26.4 | | | 10 | 332 | 200 | 5 | | |
| 72242 GALVESTON, TX. | 2918N | 09448W | 16 | | 1016.4 | 28.7 | .2 | 29.2 | | | 12 | 239 | 139 | 5 | | |
| 72243 HOUSTON/INTERCONTINENTAL, TX | 2958N | 09521W | 33 | | 1016.0 | 28.5 | .4 | 26.7 | | | 11 | 199 | 108 | 5 | | |
| 72248 SHREVEPORT/REG., LA. | 3227N | 09350W | 85 | | 1015.8 | 29.6 | 1.4 | 22.1 | | | 5 | 120 | 27 | 4 | | |
| 72250 BROWNSVILLE/INT., TX | 2555N | 09725W | 8 | | 1014.7 | 29.5 | .3 | 26.4 | | | 9 | 48 | 0 | 5 | | |
| 72251 CORPUS CHRISTI/INT., | 2746N | 09730W | 15 | | 1014.9 | 28.3 | -.6 | 27.9 | | | 3 | 134 | 74 | 2 | | |
| 72253 SAN ANTONIO/INT., | 2932N | 09828W | 247 | | 1014.2 | 29.8 | .4 | 21.5 | | | 6 | 36 | -18 | 3 | | |
| 72254 AUSTIN/CTY, TX. | 3018N | 09742W | 193 | | 1014.5 | 29.1 | -.1 | 23.1 | | | 3 | 12 | -39 | 3 | | |
| 72255 VICTORIA/VICTORIA REGIONAL, | 2851N | 09655W | 36 | | 1015.6 | 28.0 | -.9 | 27.7 | | | 12 | 225 | 141 | 5 | | |
| 72256 WACO, MADISON-COOPER, | 3137N | 09713W | 157 | | 1014.8 | 30.3 | .5 | 22.5 | | | 2 | 8 | -42 | 5 | | |
| 72259 DALLAS-FORT WORTH/FORT WORTH | 3254N | 09702W | 182 | | 1014.3 | 31.0 | 1.4 | 20.3 | | | 4 | 45 | -13 | 3 | | |
| 72263 SAN ANGELO/MATHIS, | 3122N | 10030W | 584 | | 1013.7 | 29.1 | .9 | 17.9 | | | 3 | 22 | -4 | 3 | | |
| 72265 MIDLAND/MIDLAND REG. AIR TER | 3156N | 10210W | 875 | | 1012.4 | 29.3 | 1.5 | 16.0 | | | 3 | 39 | -4 | 4 | | |
| 72266 ABILENE/MUN., TX. | 3225N | 09941W | 546 | | 1013.8 | 29.2 | .3 | 19.2 | | | 2 | 10 | -43 | 1 | | |
| 72267 LUBBOCK/LUBBOCK INTERNATIONA | 3339N | 10140W | 996 | | 1012.7 | 28.2 | 1.5 | 15.8 | | | 2 | 16 | -44 | 2 | | |
| 72270 EL PASO/INT., TX. | 3148N | 10620W | 1206 | | 1010.7 | 28.7 | .8 | 13.2 | | | 7 | 81 | 42 | 5 | | |
| 72274 TUCSON/INT., AZ. | 3207N | 11050W | 788 | | 1010.2 | 31.3 | 1.0 | 16.4 | | | 9 | 138 | 78 | 6 | | |
| 72278 PHOENIX/SKY HARBOR, | 3326N | 11200W | 344 | | 1008.3 | 35.9 | 1.7 | 17.6 | | | 5 | 33 | 12 | 5 | | |
| 72290 SAN DIEGO/LINDBERGH, | 3244N | 11710W | 9 | | 1012.8 | 24.6 | 2.9 | 20.8 | | | 01 | 1 | 0 | 5 | | |
| 72295 LOS ANGELES /INT., | 3356N | 11820W | 38 | | 1012.1 | 23.5 | 2.9 | 19.9 | | | 1 | 3 | 2 | 5 | | |
| 72304 CAPE HATTERAS, NC. | 3516N | 07533W | 3 | | | 26.3 | .6 | | | | 7 | 110 | -16 | 3 | | |
| 72306 RALEIGH/RALEIGH-DURHAM, NC. | 3552N | 07847W | 134 | | 1017.7 | 26.5 | .9 | 24.0 | | | 5 | 84 | -17 | 3 | | |
| 72308 NORFOLK/INT., VA. | 3654N | 07612W | 9 | | 1016.8 | 27.1 | 1.4 | 23.0 | | | 4 | 34 | -94 | 0 | | |
| 72310 COLUMBIA, SC. | 3357N | 08107W | 72 | | 1017.7 | 27.8 | .7 | 21.7 | | | 6 | 83 | -56 | 2 | | |

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 72312 GREENVILLE/GREENVILLE SPARTA | 3454N | 08213W | 296 | | 1017.5 | 26.6 | .9 | 20.4 | | | 5 | 64 | -53 | 2 | | |
| 72314 CHARLOTTE/DOUGLAS, | 3513N | 08056W | 234 | | 1017.9 | 25.6 | -.7 | 22.8 | | | 4 | 93 | -6 | 5 | | |
| 72315 ASHEVILLE/MUN., NC. | 3526N | 08233W | 661 | | 1019.5 | 22.8 | .1 | 19.6 | | | 9 | 71 | -43 | 2 | | |
| 72317 GREENSBORO/G.-HIGH PT., NC. | 3605N | 07957W | 277 | | 1017.8 | 25.9 | 1.0 | 22.2 | | | 8 | 171 | 57 | 5 | | |
| 72324 CHATTANOOGA/LOVELL FIELD, TN | 3502N | 08512W | 210 | | 1017.6 | 27.0 | 1.1 | 22.7 | | | 10 | 114 | -9 | 3 | | |
| 72326 KNOXVILLE/MUN., TN. | 3549N | 08359W | 299 | | 1017.4 | 26.3 | 1.5 | 20.4 | | | 10 | 100 | -18 | 3 | | |
| 72327 NASHVILLE/METROPOLITAN, TN. | 3607N | 08641W | 180 | | 1017.1 | 27.0 | .7 | 20.5 | | | 9 | 67 | -33 | 2 | | |
| 72340 LITTLE ROCK/ADAMS FLD, | 3450N | 09216W | 173 | | | 28.0 | | | | | | 3 | 73 | 0 | | |
| 72344 FORT SMITH/MUN., AR. | 3520N | 09422W | 143 | | 1015.2 | 29.0 | 1.5 | 21.0 | | | 3 | 39 | -36 | 2 | | |
| 72351 WICHITA FALLS/SHEPPS AFB/WICH | 3358N | 09829W | 314 | | 1013.1 | 31.4 | 2.0 | 18.9 | | | 1 | 2 | -41 | 1 | | |
| 72360 CLAYTON/MUN., NM. | 3627N | 10300W | 1515 | | 1013.8 | 24.5 | 1.0 | 14.3 | | | 9 | 100 | 32 | 5 | | |
| 72365 ALBUQUERQUE/INT., NM. | 3502N | 10630W | 1619 | | 1012.9 | 25.9 | -.1 | 11.9 | | | 7 | 90 | 56 | 6 | | |
| 72386 LAS VEGAS/MCCARRAN, | 3605N | 11510W | 664 | | 1008.9 | 34.8 | 2.0 | 12.5 | | | 1 | 3 | -5 | 2 | | |
| 72389 FRESNO/AIR TERM., | 3646N | 11940W | 101 | | 1010.7 | 31.0 | 3.3 | 13.9 | | | 0 | 0 | -1 | 5 | | |
| 72401 RICHMOND/BYRD, VA. | 3730N | 07720W | 54 | | 1017.2 | 27.4 | 1.8 | 23.2 | | | 5 | 117 | -10 | 3 | | |
| 72405 WASHINGTON/NAT., VA. | 3851N | 07702W | 20 | | 1016.4 | 26.9 | -.2 | 24.0 | | | 6 | 90 | -6 | 3 | | |
| 72406 BALTIMORE/BALTIMORE-WASHINGT | 3911N | 07640W | 48 | | 1015.8 | 26.5 | 1.5 | 21.7 | | | 6 | 47 | -46 | 2 | | |
| 72407 ATLANTIC CITY, NJ. | 3927N | 07434W | 21 | | 1016.2 | 25.6 | 1.9 | 23.2 | | | 6 | 132 | 35 | 4 | | |
| 72408 PHILADELPHIA/INT., | 3953N | 07515W | 9 | | 1015.8 | 26.3 | 1.5 | 21.3 | | | 10 | 109 | 1 | 4 | | |
| 72411 ROANOKE/MUN., VA. | 3719N | 07958W | 358 | | 1018.1 | 25.3 | 1.1 | 19.9 | | | 4 | 49 | -50 | 2 | | |
| 72412 BECKLEY (RALEIGH CTY. MEMORI | 3747N | 08107W | 766 | | 1017.9 | 21.5 | -.6 | 19.5 | | | 9 | 90 | -29 | 2 | | |
| 72414 CHARLESTON/KANAWHA., | 3822N | 08136W | 299 | | 1017.4 | 24.3 | .4 | 21.1 | | | 10 | 214 | 88 | 5 | | |
| 72421 CINCINNATI/GREATER CINCINNAT | 3903N | 08440W | 271 | | 1016.5 | 24.9 | 1.0 | 21.8 | | | 10 | 102 | -5 | 4 | | |
| 72422 LEXINGTON/BLUE GRASS, KY. | 3802N | 08436W | 301 | | 1017.4 | 24.8 | | 21.7 | | | 10 | 139 | 4 | | | |
| 72423 LOUISVILLE/STANDIFORD, KY. | 3811N | 08544W | 151 | | 1016.7 | 26.3 | 1.2 | 22.4 | | | 11 | 115 | 1 | 4 | | |
| 72425 HUNTINGTON, WV. | 3822N | 08233W | 255 | | 1017.0 | 25.1 | 1.4 | 22.2 | | | 10 | 169 | 51 | 5 | | |
| 72428 COLUMBUS/PORT COLUMBUS, OH. | 4000N | 08253W | 254 | | 1016.4 | 24.7 | 1.8 | 20.4 | | | 12 | 147 | 38 | 5 | | |
| 72429 DAYTON/. COX, OH. | 3952N | 08407W | 307 | | 1017.1 | 24.2 | -.8 | 20.8 | | | 10 | 135 | 46 | 5 | | |
| 72432 EVANSVILLE/REG., IN. | 3803N | 08732W | 127 | | 1016.6 | 25.7 | -.1 | 23.3 | | | 8 | 164 | 62 | 5 | | |
| 72434 ST.LOUIS/LAMBERT, | 3845N | 09022W | 174 | | 1014.9 | 28.2 | 1.6 | 21.4 | | | 7 | 69 | -28 | 3 | | |
| 72438 INDIANAPOLIS/L-MUN/WEIR COO | 3944N | 08616W | 246 | | 1016.1 | 24.8 | .7 | 22.3 | | | 11 | 101 | -12 | 4 | | |
| 72439 SPRINGFIELD/CAPITAL, | 3951N | 08940W | 187 | | 1015.5 | 25.6 | .9 | 22.7 | | | 8 | 58 | -31 | 2 | | |
| 72445 COLUMBIA/REGIONAL, | 3849N | 09213W | 274 | | 1015.4 | 26.8 | 1.6 | 20.8 | | | 7 | 53 | -40 | 3 | | |
| 72476 GRAND JUNCTION/WALKER FIELD, | 3907N | 10830W | 1474 | | 1011.9 | 26.6 | -.6 | 11.1 | | | 5 | 23 | 7 | 5 | | |
| 72483 SACRAMENTO/EXECUTIVE CA. | 3831N | 12130W | 8 | | 1011.2 | 26.2 | 1.9 | 13.7 | | | 0 | 0 | -1 | 5 | | |
| 72486 ELY/YELLAND, NV. | 3917N | 11450W | 1909 | | 1013.1 | 21.2 | 1.5 | 9.3 | | | 5 | 46 | 29 | 6 | | |
| 72488 RENO/INT., NV. | 3930N | 11940W | 1344 | | 1013.1 | 26.5 | 4.5 | 8.0 | | | 2 | 9 | 2 | 4 | | |
| 72494 SAN FRANCISCO/INT., | 3737N | 12220W | 6 | | 1013.6 | 18.8 | 1.7 | 14.1 | | | 0 | 0 | -1 | 4 | | |
| 72503 NEW YORK/LA GUARDIA, | 4046N | 07354W | 9 | | 1014.9 | 27.0 | 2.3 | 21.1 | | | 7 | 151 | 48 | 5 | | |
| 72507 PROVIDENCE/GREEN STATE, RI. | 4144N | 07126W | 19 | | 1014.9 | 24.5 | 1.9 | 22.7 | | | 8 | 52 | -28 | 2 | | |
| 72508 HARTFORD/BRADLEY INTNL., CT. | 4156N | 07241W | 55 | | 1014.4 | 24.7 | 1.5 | 21.9 | | | 8 | 54 | -27 | 2 | | |
| 72509 BOSTON/LOGAN INT., | 4222N | 07102W | 9 | | 1014.3 | 24.3 | 1.2 | 20.8 | | | 9 | 91 | 19 | 4 | | |
| 72513 WILKES-BARRE-SCRANTON, PA. | 4120N | 07544W | 292 | | 1015.0 | 23.0 | -.9 | 19.8 | | | 11 | 77 | -19 | 3 | | |
| 72515 BINGHAMTON/BROOME CO., NY. | 4213N | 07559W | 497 | | 1016.3 | 21.7 | 1.0 | 18.5 | | | 12 | 140 | 52 | 5 | | |
| 72517 ALLENSTOWN/A.-BETHLEHEM-EASTO | 4039N | 07526W | 118 | | 1015.5 | 24.3 | -.9 | 22.2 | | | 12 | 208 | 103 | 5 | | |
| 72519 SYRACUSE/HANCOCK, | 4307N | 07607W | 128 | | 1014.5 | 23.3 | 2.0 | 20.1 | | | 11 | 257 | 161 | 6 | | |

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 72520 PITTSBURGH/GREATER PITTSBURG | 4030N | 08013W | 373 | | 1017.3 | 22.9 | .6 | 20.1 | | | 9 | 98 | 3 | 3 | | |
| 72520 PITTSBURGH/GREATER PITTSBURG | 4030N | 08013W | 373 | | 1017.3 | 22.9 | .6 | 20.1 | | | 9 | 98 | 3 | 3 | | |
| 72521 AKRON/AKRON-CANTON REG. OH. | 4055N | 08126W | 377 | | 1016.4 | 22.9 | .7 | 20.5 | | | 12 | 160 | 57 | 5 | | |
| 72525 YOUNGSTOWN, OH. | 4116N | 08040W | 365 | | 1016.4 | 22.4 | 1.1 | 20.6 | | | 16 | 179 | 76 | 5 | | |
| 72528 BUFFALO/GREATER BUFFALO INT. | 4256N | 07843W | 219 | | 1014.9 | 23.1 | 1.4 | 19.6 | | | 7 | 117 | 39 | 5 | | |
| 72529 ROCHESTER/ROCHESTER-MONROE C | 4307N | 07740W | 171 | | 1014.7 | 23.8 | 2.6 | 20.7 | | | 8 | 204 | 136 | 6 | | |
| 72530 CHICAGO/O'HARE, IL. | 4159N | 08754W | 205 | | 1014.9 | 24.7 | 1.8 | 20.8 | | | 10 | 94 | 1 | 4 | | |
| 72532 PEORIA/GREATER PEORIA MUN., | 4040N | 08941W | 202 | | 1015.2 | 25.9 | 1.7 | 22.6 | | | 6 | 52 | -54 | 1 | | |
| 72533 FORT WAYNE/MUN., | 4100N | 08512W | 252 | | 1016.4 | 23.9 | .6 | 21.8 | | | 10 | 137 | 50 | 5 | | |
| 72535 SOUTH BEND/ST.JOSEPH CO., IN | 4142N | 08619W | 241 | | 1015.9 | 23.6 | .9 | 20.5 | | | 8 | 220 | 123 | 6 | | |
| 72536 TOLEDO/EXPRESS, OH. | 4136N | 08348W | 211 | | 1015.5 | 23.7 | 1.4 | 21.8 | | | 10 | 233 | 150 | 6 | | |
| 72537 DETROIT/METROPOLITAN, MI. | 4214N | 08320W | 202 | | 1015.4 | 24.4 | 2.0 | 20.3 | | | 10 | 111 | 31 | 5 | | |
| 72544 MOLINE/QUAD CITY, | 4127N | 09031W | 181 | | 1014.6 | 26.2 | 2.2 | 21.9 | | | 11 | 119 | -6 | 3 | | |
| 72546 DES MOINES/MUN., IA. | 4132N | 09339W | 294 | | 1014.0 | 26.1 | 1.3 | 21.9 | | | 8 | 111 | 15 | 4 | | |
| 72556 NORFOLK/KARL STEFAN, | 4159N | 09726W | 479 | | 1013.5 | 25.9 | 1.8 | 18.9 | | | 1 | 6 | -75 | 0 | | |
| 72557 SIOUX CITY/MUN., IA. | 4224N | 09623W | 336 | | 1014.2 | 25.3 | 1.0 | 20.4 | | | 4 | 9 | -74 | 1 | | |
| 72562 NORTH PLATTE/LEE BIRD, NE. | 4107N | 10040W | 849 | | 1013.6 | 25.4 | 2.1 | 18.1 | | | 9 | 83 | 6 | 4 | | |
| 72564 CHEYENNE, WY. | 4109N | 10440W | 1876 | | 1013.8 | 22.1 | | 10.1 | | | 5 | 76 | | 5 | | |
| 72569 CASPER/NATRONA COUNTY, INTNL | 4255N | 10620W | 1630 | | 1012.7 | 24.1 | 2.5 | 9.3 | | | 7 | 21 | -11 | 5 | | |
| 72572 SALT LAKE CITY/INTNL UT. | 4047N | 11150W | 1288 | | 1011.2 | 28.4 | 2.9 | 12.1 | | | 4 | 7 | -13 | 2 | | |
| 72576 LANDER/HUNT, WY. | 4249N | 10840W | 1703 | | 1012.9 | 24.4 | 2.7 | 8.7 | | | 2 | 4 | -16 | 1 | | |
| 72578 POCATELLO/MUN., ID. | 4255N | 11230W | 1365 | | 1013.5 | 23.5 | 2.1 | 10.2 | | | 2 | 4 | -12 | 2 | | |
| 72583 WINNEMUCCA/MUN., NV. | 4054N | 11740W | 1322 | | 1012.5 | 24.5 | 2.2 | 7.1 | | | | 2 | -4 | 4 | | |
| 72594 EUREKA, CA. | 4048N | 12410W | 18 | | | 13.6 | -.3 | | | | 01 | 1 | -2 | 4 | | |
| 72597 MEDFORD/MEDFORD-JACKSON COUN | 4223N | 12250W | 398 | | 1014.4 | 25.1 | | 12.2 | | | 0 | 0 | | 1 | | |
| 72605 CONCORD/MUN., NH. | 4312N | 07130W | 105 | | 1014.2 | 22.5 | | 19.7 | | | 9 | 106 | | 5 | | |
| 72606 PORTLAND/INTNL JET PORT, ME | 4339N | 07019W | 23 | | 1013.6 | 22.2 | 1.9 | 20.6 | | | 11 | 144 | 66 | 5 | | |
| 72617 BURLINGTON/INT., VT. | 4428N | 07309W | 104 | | 1013.5 | 22.9 | 1.5 | 19.4 | | | 8 | 75 | -17 | 3 | | |
| 72635 GRAND RAPIDS/KENT CO., MI. | 4253N | 08531W | 245 | | 1015.1 | 23.7 | 1.7 | 19.2 | | | 8 | 175 | 94 | 6 | | |
| 72636 MUSKEGON/COUNTY, MI. | 4310N | 08615W | 193 | | 1015.0 | 22.7 | 1.4 | 19.7 | | | 7 | 104 | 51 | 5 | | |
| 72637 FLINT/BISHOP, MI. | 4258N | 08345W | 238 | | 1015.3 | 22.0 | .6 | 19.4 | | | 9 | 108 | 40 | 5 | | |
| 72640 MILWAUKEE/GEN. MITCHELL, WI. | 4257N | 08754W | 220 | | 1014.5 | 23.9 | 2.3 | 20.5 | | | 9 | 133 | 45 | 5 | | |
| 72641 MADISON/DANE COUNTY REGIONAL | 4308N | 08920W | 264 | | 1014.5 | 23.5 | 1.8 | 20.0 | | | 7 | 113 | 27 | 4 | | |
| 72644 ROCHESTER/MUN., MN. | 4355N | 09230W | 402 | | 1014.7 | 23.5 | 1.9 | 21.2 | | | 5 | 74 | -32 | 2 | | |
| 72645 GREEN BAY/A.-STRAUBEL, WI. | 4429N | 08806W | 209 | | 1014.0 | 22.9 | 2.0 | 19.6 | | | 7 | 80 | 2 | 5 | | |
| 72651 SIOUX FALLS/FOSS FIELD, SD. | 4335N | 09644W | 435 | | 1013.6 | 24.5 | 1.0 | 20.0 | | | 3 | 17 | -51 | 1 | | |
| 72654 HURON/HURON REGIONAL SD. | 4423N | 09813W | 393 | | 1012.4 | 25.6 | 2.0 | 16.1 | | | 2 | 12 | -55 | 1 | | |
| 72658 MINNEAPOLIS/ST.PAUL INT., MN | 4453N | 09313W | 256 | | 1013.2 | 26.5 | 3.4 | 18.2 | | | 6 | 33 | -56 | 1 | | |
| 72662 RAPID CITY/REGIONAL AIRPORT, | 4440N | 10310W | 1030 | | 1012.7 | 26.4 | 4.1 | 11.0 | | | 4 | 20 | -31 | 1 | | |
| 72666 SHERIDAN/COUNTY, WY. | 4446N | 10650W | 1226 | | 1012.7 | 24.4 | 3.5 | 9.6 | | | 1 | 3 | -19 | 1 | | |
| 72677 BILLINGS/LOGAN INT., | 4548N | 10830W | 1099 | | 1012.3 | 25.6 | 3.1 | 9.1 | | | 2 | 10 | -13 | 2 | | |
| 72681 BOISE/MUN., ID. | 4334N | 11610W | 872 | | 1011.3 | 27.5 | 4.2 | 10.1 | | | 2 | 6 | -2 | 4 | | |
| 72688 PENDLETON, OR. | 4541N | 11850W | 456 | | 1013.0 | 24.3 | 1.6 | 9.4 | | | | 2 | -6 | 2 | | |
| 72698 PORTLAND/INT., OR. | 4536N | 12230W | 12 | | 1017.3 | 21.7 | 1.6 | 13.8 | | | 1 | 12 | -4 | 4 | | |
| 72712 CARIBOU/MUN., ME. | 4652N | 06800W | 191 | | 1012.2 | 20.1 | 1.5 | 17.6 | | | 15 | 110 | 9 | 4 | | |
| 72745 DULUTH/INT., MN. | 4650N | 09211W | 436 | | 1013.2 | 22.2 | 3.3 | 16.9 | | | 11 | 88 | -3 | 4 | | |

SURFACE

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|-----|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. | |
| 72747 INT.FALLS/FALLS INT. MN. | 4833N | 09323W | 362 | | 1012.4 | 20.3 | 1.0 | 16.2 | | | 8 | 80 | -11 | 3 | | | |
| 72753 FARGO/HECTOR FIELD, | 4654N | 09648W | 274 | | 1012.2 | 23.9 | 2.2 | 17.1 | | | 4 | 57 | -11 | 2 | | | |
| 72764 BISMARCK/MUN., ND. | 4646N | 10040W | 505 | | 1011.9 | 25.2 | 3.9 | 13.2 | | | 6 | 15 | -39 | 1 | | | |
| 72767 WILLISTON/SLOULIN FIELD INT. | 4811N | 10330W | 592 | | 1012.6 | 23.8 | 2.3 | 12.4 | | | 2 | 6 | -47 | 1 | | | |
| 72768 GLASGOW/INT., MT. | 4812N | 10630W | 693 | | 1012.1 | 25.1 | 3.5 | 10.5 | | | 5 | 8 | -35 | 2 | | | |
| 72772 HELENA/COUNTY-CITY, | 4636N | 11200W | 1188 | | 1014.5 | 24.2 | 3.5 | 10.0 | | | 1 | 10 | -17 | 2 | | | |
| 72773 MISSOULA / JOHNSON-BELL FIEL | 4655N | 11400W | 976 | | 1014.6 | 22.9 | 3.6 | 9.6 | | | 2 | 9 | -14 | 2 | | | |
| 72781 YAKIMA/YAKIMA AIR TERMINAL, | 4634N | 12030W | 332 | | 1013.3 | 23.3 | 2.2 | 10.7 | | | 1 | 2 | -2 | 3 | | | |
| 72785 SPOKANE/INT., WA. | 4738N | 11730W | 721 | | 1013.5 | 23.2 | 2.8 | 8.5 | | | 1 | 3 | -14 | 2 | | | |
| 72792 OLYMPIA, WA. | 4658N | 12250W | 62 | | 1017.9 | 18.7 | 1.5 | 12.8 | | | 2 | 4 | -16 | 5 | | | |
| 72793 SEATTLE/S.-TACOMA, | 4727N | 12210W | 137 | | 1018.5 | 19.8 | 1.4 | 13.3 | | | 2 | | -17 | 1 | | | |
| 72797 QUILLAYUTE, WA. | 4757N | 12430W | 56 | | 1018.9 | 15.6 | | 13.1 | | | 5 | 25 | | 2 | | | |
| CANADA | | | | | | | | | | | | | | | | | |
| 71026 MEDICINE HAT RCS, ALTA | 5001N | 11040W | 717 | | 930.4 | 1012.7 | 22.4 | | 12.2 | | | 3 | 15 | | 1 | | |
| 71029 HOLMAN CS, NWT | 7045N | 11740W | 30 | | 1009.0 | 1012.8 | 8.9 | | 8.2 | | | 4 | 11 | | | | |
| 71049 WAGER BAY (AUT), MAN | 6552N | 08926W | 18 | | 1003.7 | 1006.5 | 10.8 | | 9.0 | | | 9 | 55 | | | | |
| 71066 HIGH LEVEL A, ALTA | 5837N | 11700W | 338 | | 971.7 | 1012.3 | 16.7 | .5 | 13.4 | | | 11 | 128 | 67 | 5 | | |
| 71069 SLAVE LAKE A, ALTA | 5517N | 11440W | 583 | | 944.4 | 1012.8 | 17.8 | 2.1 | 14.7 | | | 9 | 74 | -22 | 2 | | |
| 71074 ISACHSEN (AUT), NU | 7847N | 10330W | 58 | | 1001.9 | 1009.4 | 3.4 | | 6.9 | | | | | | | | |
| 71079 THOMPSON | 5548N | 09752W | 222 | | 983.0 | 1009.9 | 16.0 | .3 | 12.7 | | | 15 | 127 | 43 | 5 | | |
| 71101 SANDSPIT AWOS, BC | 5315N | 13140W | 6 | | 1016.7 | 1017.5 | 14.7 | .6 | 13.2 | | | 8 | 45 | 1 | 4 | | |
| 71109 PORT HARDY A, BC | 5040N | 12720W | 22 | | 1016.4 | 1019.1 | 14.7 | 1.0 | 13.4 | | | 7 | 48 | -8 | 3 | | |
| 71120 COLD LAKE A, ALTA | 5425N | 11010W | 541 | | 949.1 | 1012.8 | 19.4 | 2.4 | 14.3 | | | 8 | 57 | -28 | 2 | 309 | 105 |
| 71122 BANFF CS, ALTA | 5112N | 11530W | 1397 | | 859.6 | 1014.8 | 16.6 | 1.8 | 10.2 | | | 10 | 55 | 4 | 4 | | |
| 71158 BERENS RIVER CS, MAN | 5221N | 09702W | 222 | | 984.2 | 1010.8 | 18.8 | | 16.3 | | | 4 | 23 | | 3 | | |
| 71160 FORT RELIANCE (AUT), NWT | 6242N | 10900W | 168 | | 991.2 | 1011.9 | 14.7 | | 11.3 | | | 8 | 30 | | 3 | | |
| 71185 DANIELS HARBOUR, | 5014N | 05734W | 18 | | 1008.3 | 1010.8 | 15.9 | 1.6 | 15.9 | | | 18 | 184 | 87 | 5 | | |
| 71197 PORT AUX BASQUES, | 4734N | 05909W | 40 | | 1008.9 | 1013.7 | 16.2 | 2.7 | 16.8 | | | 11 | 144 | 38 | 4 | | |
| 71199 WATSON LAKE (AUT), YT | 6007N | 12840W | 690 | | 933.4 | 1014.4 | 15.4 | | 10.4 | | | | | | | | |
| 71279 SEPT-ILES, QUE | 5013N | 06615W | 53 | | 1004.1 | 1010.4 | 15.5 | | 14.3 | | | 10 | 86 | | | | |
| 71288 CAMBRIDGE BAY GSN, NU | 6906N | 10500W | 19 | | | | 9.2 | | 8.8 | | | 1 | 6 | | | | |
| 71299 KAPUSKASING CDA ON, ONT | 4924N | 08226W | 218 | | 985.0 | 1010.4 | 17.2 | | 14.2 | | | 15 | 115 | | 4 | | |
| 71321 IQALUIT CLIMATE, NU | 6345N | 06833W | 34 | | | | 9.6 | | | | | 4 | 17 | | | | |
| 71322 ARVIAT CLIMATE, NU | 6106N | 09404W | 10 | | | | 10.5 | | 9.9 | | | 3 | 46 | | | | |
| 71350 HARRINGTON CDA CS, PEI | 4621N | 06310W | 53 | | 1006.6 | 1013.0 | 20.0 | | 18.5 | | | 11 | 124 | | | | |
| 71355 ALERT CLIMATE, NU | 8230N | 06220W | 65 | | 1001.9 | 1010.3 | 3.6 | | 6.9 | | | 8 | 35 | | | | |
| 71356 BAKER LAKE CLIMATE, NU | 6419N | 09600W | 51 | | 1002.1 | 1008.6 | 10.5 | | 9.3 | | | 4 | 26 | | | | |
| 71361 HAY RIVER CLIMATE, NWT | 6050N | 11540W | 164 | | 992.3 | 1012.3 | 15.6 | | 12.3 | | | 3 | 29 | | | | |
| 71362 FORT SMITH CLIMATE, NWT | 6001N | 11150W | 203 | | 986.3 | 1010.9 | 16.8 | | 11.5 | | | 8 | 32 | | | | |
| 71363 GJOA HAVEN CLIMATE, NU | 6838N | 09551W | 42 | | 1002.5 | 1007.7 | 7.3 | | 8.2 | | | 7 | 31 | | | | |
| 71364 INUVIK CLIMATE, NWT | 6819N | 13330W | 103 | | 999.1 | 1011.9 | 14.2 | | 9.7 | | | 6 | 28 | | | | |
| 71365 FORT SIMPSON CLIMATE, NWT | 6145N | 12110W | 168 | | 991.5 | 1011.9 | 16.8 | | 11.8 | | | 8 | 31 | | | | |
| 71434 PEAWANUCK (AUT), ONT | 5459N | 08526W | 52 | | 1002.9 | 1009.2 | 13.9 | | 11.8 | | | 15 | 143 | | | | |
| 71446 SWIFT CURRENT CDA, SASK | 5016N | 10740W | 825 | | 918.6 | 1014.1 | 21.0 | | 15.1 | | | 6 | 31 | | | 2 | |
| 71467 SACHS HARBOUR CLIMATE, NWT | 7200N | 12510W | 88 | | 1001.7 | 1012.8 | 6.0 | | 7.7 | | | 5 | 15 | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 71550 DAUPHIN CS, MAN | 5106N | 10000W | 305 | | | | 20.0 | | 13.3 | | | 5 | 15 | | | | |
| 71585 FORT MCMURRAY CS, ALTA | 5639N | 11110W | 369 | | | | 17.1 | | 14.2 | | | 13 | 85 | | | | |
| 71586 LA RONGE RCS, SASK | 5509N | 10510W | 379 | | 966.1 | 1011.1 | 18.3 | | 17.2 | | | 14 | 117 | | | 5 | |
| 71600 SABLE ISLAND, NS | 4355N | 06000W | 5 | | 1015.6 | 1016.2 | 17.2 | 1.7 | 17.2 | | | 11 | 109 | 9 | 5 | | |
| 71713 LA POCATIERE, QUE | 4721N | 07001W | 31 | | | | 19.2 | | 17.7 | | | 11 | 72 | | 3 | | |
| 71721 MANIWAKI AIRPORT, QUE | 4616N | 07559W | 201 | | 989.2 | 1013.0 | 19.8 | | 19.3 | | | 14 | 123 | | 5 | | |
| 71727 BAGOTVILLE A, QUE | 4820N | 07100W | 159 | | 992.8 | 1011.9 | 19.0 | 1.0 | 16.0 | | | 14 | 115 | 1 | 3 | | |
| 71733 GORE BAY A, ONT | 4553N | 08234W | 194 | | 990.2 | 1013.2 | 21.1 | 2.0 | 20.2 | | | 7 | 50 | -2 | 3 | | |
| 71813 NATASHQUAN A, QUE | 5011N | 06149W | 11 | | 1009.2 | 1010.5 | 16.3 | 2.1 | 14.1 | | | 10 | 98 | 11 | 3 | | |
| 71816 GOOSE A, NFLD | 5319N | 06025W | 49 | | 1002.8 | 1008.8 | 16.6 | 1.1 | 12.7 | | | 14 | 127 | 8 | 4 | 247 | 125 |
| 71818 CARTWRIGHT, NFLD | 5342N | 05702W | 15 | | 1007.2 | 1008.9 | 14.5 | 2.2 | 12.4 | | | 13 | 114 | 26 | 3 | 246 | 130 |
| 71823 LA GRANDE IV A, QUE | 5345N | 07340W | 306 | | 973.5 | 1010.3 | 14.4 | | 12.4 | | | 14 | 172 | | 5 | | |
| 71827 LA GRANDE RIVIERE A, | 5338N | 07742W | 195 | | 986.7 | 1010.3 | 15.2 | | 11.7 | | | 9 | 83 | | 4 | | |
| 71828 SCHEFFERVILLE A, QUE | 5448N | 06648W | 518 | | 948.0 | 1009.9 | 13.1 | .7 | 11.1 | | | 13 | 83 | -20 | 3 | | |
| 71842 SIOUX LOOKOUT A, ONT | 5007N | 09154W | 390 | | 966.8 | 1012.2 | 20.7 | 2.1 | 15.4 | | | 10 | 83 | -10 | 3 | | |
| 71844 BIG TROUT LAKE READAC, ONT | 5348N | 08953W | 222 | | 983.2 | 1010.1 | 16.3 | | 13.6 | | | 12 | 92 | | 4 | | |
| 71862 ESTEVAN A, SASK | 4913N | 10250W | 584 | | 945.9 | 1013.6 | 20.7 | .6 | 14.9 | | | 1 | 7 | -54 | 0 | 384 | 115 |
| 71869 PRINCE ALBERT A, SK | 5313N | 10540W | 428 | | 961.6 | 1012.3 | 19.5 | 1.9 | 15.3 | | | 10 | 43 | -29 | 2 | | |
| 71894 ESTEVAN POINT CS, BC | 4923N | 12630W | 7 | | 1017.9 | 1018.5 | | | | | | 6 | 61 | | 4 | | |
| 71905 KUJJUARAPIK A, QC | 5517N | 07745W | 24 | | 1008.6 | 1009.9 | 12.1 | 1.9 | 10.8 | | | 12 | 73 | 1 | 3 | | |
| 71906 KUJJUUAQ A, QUE | 5806N | 06825W | 44 | | 1003.1 | 1008.0 | 13.2 | 2.2 | 11.0 | | | 16 | 135 | 78 | 6 | | |
| 71907 INUKJUAK A, QUE | 5828N | 07805W | 28 | | 1006.0 | 1009.2 | 11.2 | 2.1 | 10.3 | | | 12 | 36 | -19 | 2 | | |
| 71915 CORAL HARBOUR A, | 6411N | 08321W | 64 | | 997.3 | 1005.3 | 9.7 | .8 | 9.5 | | | 11 | 81 | 39 | 5 | | |
| 71917 EUREKA, NU | 7959N | 08556W | 11 | | 1006.8 | 1008.1 | 6.4 | 1.0 | 6.7 | | | 4 | 19 | 8 | 4 | | |
| 71923 ENNADAI LAKE (AUT), NU | 6107N | 10050W | 353 | | 968.1 | 1011.0 | 13.0 | | 10.7 | | | 8 | 48 | | | | |
| 71945 FORT NELSON A, BC | 5850N | 12230W | 389 | | 967.1 | 1012.7 | 17.3 | .6 | 13.6 | | | 10 | 114 | 31 | 4 | | |
| 71950 SMITHERS A, BC | 5449N | 12710W | 522 | | 954.6 | 1016.0 | 15.9 | 1.0 | 11.2 | | | 10 | 44 | -1 | 3 | | |
| 71964 WHITEHORSE A, YT | 6042N | 13500W | 706 | | 931.0 | 1014.4 | 14.2 | .2 | 9.4 | | | 8 | 33 | -5 | 3 | | |
| 71966 DAWSON, YT | 6403N | 13900W | 370 | | 966.7 | 1011.1 | 15.9 | | 10.6 | | | 6 | 28 | | 2 | | |
| 71984 PAULATUK, NWT | 6921N | 12400W | 6 | | 1012.1 | 1012.9 | 9.8 | | 8.8 | | | 4 | 9 | | 2 | | |
| 71989 MOULD BAY CS, NWT | 7614N | 11920W | 2 | | 1011.9 | 1013.5 | 4.1 | | 7.1 | | | 5 | 17 | | 4 | | |
| 71990 MACMILLAN PASS, NWT | 6314N | 13000W | 1379 | | 858.5 | 1014.3 | 11.3 | | 8.6 | | | | | | | | |
| MEXICO | | | | | | | | | | | | | | | | | |
| 76225 CHIHUAHUA, CHIH. | 2838N | 10600W | 1433 | | 854.8 | 1009.0 | 26.3 | | 15.6 | | | 8 | 43 | | 1 | | |
| 76243 PIEDRAS NEGRAS, COAH. | 2842N | 10030W | 250 | | 985.9 | 1013.6 | 32.2 | | 26.1 | | | 1 | 21 | | 2 | 304 | |
| 76256 EMPALME, SON. | 2757N | 11040W | 12 | | 1008.5 | 1009.9 | 32.6 | | 28.4 | | | 6 | 42 | | 4 | 322 | |
| 76311 CHOIX, SIN. | 2644N | 10810W | 238 | | 983.9 | 1010.4 | 29.0 | | 28.0 | | | 15 | 204 | | 2 | 240 | |
| 76373 TEPEHUANES, DGO. | 2521N | 10540W | 1967 | | 822.3 | 1012.2 | 20.9 | | 16.1 | | | 16 | 126 | | 2 | 218 | |
| 76390 SALTILLO, COAH. | 2522N | 10100W | 1790 | | 825.9 | 1012.6 | 20.3 | | 15.5 | | | 18 | 83 | | 4 | 229 | |
| 76393 MONTERREY, N.L. | 2544N | 10010W | 515 | | 955.5 | 1012.2 | 28.9 | | 25.0 | | | 3 | 56 | | 4 | 242 | |
| 76402 CIUDAD CONSTITUCION, BCS | 2457N | 11140W | 48 | | 1007.5 | 1012.9 | 28.5 | | 23.0 | | | 2 | 35 | | 4 | 300 | |
| 76405 LA PAZ, BCS | 2410N | 11010W | 18 | | 1008.7 | 1010.7 | 31.0 | | 22.5 | | | 2 | 48 | | 5 | 310 | |
| 76458 COLONIA JUAN CARRASCO MAZATL | 2312N | 10620W | 4 | | 1011.0 | 1011.4 | 29.5 | .8 | 30.6 | .0 | | 14 | 190 | -22 | 3 | 224 | 100 |
| 76548 TAMPICO, TAMPS | 2212N | 09751W | 25 | | 1012.1 | 1015.1 | 28.7 | .7 | 30.4 | 1.0 | | 7 | 92 | -19 | 3 | 196 | 89 |
| 76556 TEPIC, NAY. | 2131N | 10450W | 915 | | 911.3 | 1010.9 | 24.2 | | 24.9 | | | 19 | 164 | | 1 | 164 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 76581 RIO VERDE, S.L.P. | 2156N | 09959W | 983 | | 905.8 | 1012.5 | 24.8 | | 23.5 | | | 8 | 63 | | 2 | 241 | |
| 76585 MATLAPA, S.L.P. | 2119N | 09849W | 132 | | 999.3 | 1014.5 | 27.1 | | 29.1 | | | 11 | 139 | | 4 | 180 | |
| 76634 TULANCINGO, HGO. | 2005N | 09822W | 2181 | | 788.4 | 1016.9 | 16.5 | | 15.0 | | | 13 | 47 | | 2 | 202 | 100 |
| 76640 TUXPAN.VER. | 2057N | 09724W | 28 | | 1013.0 | 1014.2 | 27.5 | | 30.4 | | | 14 | 120 | | 2 | 184 | |
| 76647 VALLADOLID, YUC. | 2041N | 08812W | 27 | | 1012.2 | 1015.3 | 28.7 | | 30.4 | | | 16 | 117 | | 2 | 207 | |
| 76654 MANZANILLO, COL. | 1903N | 10410W | 3 | | 1010.8 | 1011.2 | 28.7 | | 30.4 | | | 12 | 217 | | 4 | 173 | |
| 76656 CIUDAD GUZMAN, JAL. | 1943N | 10320W | 1515 | | 851.1 | 1011.9 | 20.7 | | 18.6 | | | 20 | 212 | | 4 | 178 | |
| 76665 MORELIA, MICH. | 1942N | 10110W | 1913 | | 812.7 | 1011.3 | 20.3 | 1.8 | 14.6 | -.4 | | 16 | 180 | 4 | 4 | 178 | 129 |
| 76675 TOLUCA, MEX. | 1917N | 09941W | 2720 | | 739.6 | 1012.3 | 13.8 | | 12.4 | | | 18 | 206 | | 5 | 186 | |
| 76687 JALAPA, VER. | 1933N | 09655W | 1389 | | 868.0 | 1014.5 | 19.5 | | 19.5 | | | 16 | 246 | | 4 | 112 | 130 |
| 76692 HACIENDA YLANG YLANG VERACRU | 1909N | 09607W | 16 | | 1012.9 | 1014.8 | 27.3 | -.3 | 29.9 | .5 | | 24 | 669 | 258 | 5 | 180 | 88 |
| 76695 CAMPECHE, CAMP. | 1951N | 09033W | 5 | | 1012.9 | 1013.5 | 28.2 | | 30.0 | | | 17 | 258 | | 4 | 232 | |
| 76698 FELIPE CARRILLO PUERTO, Q.RO | 1942N | 08754W | 12 | | 1014.4 | 1015.5 | 29.5 | | 30.1 | | | 10 | 170 | | 4 | 182 | 160 |
| 76726 CUERNAVACA, MOR. | 1853N | 09914W | 1618 | | 840.8 | 1011.1 | 20.6 | | 15.5 | | | 24 | 249 | | | 213 | |
| 76741 COATZACOALCOS, VER. | 1808N | 09425W | 22 | | 1010.4 | 1012.2 | 27.8 | | 31.5 | | | 13 | 284 | | | 215 | |
| 76750 CHETUMAL, Q.R. | 1829N | 08818W | 7 | | 1013.2 | 1014.2 | 28.3 | | 30.7 | | | 16 | 211 | | 4 | 138 | 120 |
| 76805 ACAPULCO, GRO. | 1650N | 09956W | 3 | | 1010.8 | 1011.1 | 29.0 | .5 | 30.7 | -.6 | | 11 | 272 | 63 | 4 | 248 | 111 |
| 76848 COMITAN, CHIS. | 1615N | 09208W | 1646 | | 838.9 | 1008.7 | 18.9 | | 17.4 | | | 15 | 126 | | 4 | 199 | |
| 76855 PUERTO ANGEL, OAX. | 1541N | 09629W | 46 | | 1006.1 | 1011.3 | 28.5 | | 28.4 | | | 9 | 228 | | 5 | 210 | |
| 76903 TAPACHULA, CHIS | 1455N | 09215W | 118 | | 998.8 | 1012.2 | 27.5 | | 29.3 | | | 21 | 345 | | 4 | 138 | |
| JAMAICA | | | | | | | | | | | | | | | | | |
| 78388 MONTEGO BAY/SANGSTER | 1830N | 07755W | 8 | | 1014.9 | 1015.0 | 29.2 | | 32.7 | | | 12 | 95 | | | 258 | |
| 78397 KINGSTON/NORMAN MANLEY | 1756N | 07647W | 14 | | 1013.4 | 1015.0 | 30.9 | | 28.8 | | | 4 | 11 | | 1 | 199 | |
| HAITI | | | | | | | | | | | | | | | | | |
| 78437 PORT-AU-PRINCE (DAMIEN) | 1836N | 07217W | 15 | | | | 30.3 | 2.7 | 26.6 | | | 6 | 111 | 6 | 5 | | |
| PUERTO RICO AND US POSS | | | | | | | | | | | | | | | | | |
| 78526 SAN JUAN/INT., | 1825N | 06559W | 4 | | 1017.0 | 27.9 | -.2 | 29.2 | | | | 19 | 227 | 116 | 6 | | |
| BELIZE | | | | | | | | | | | | | | | | | |
| 78583 BELIZE/PHILLIP GOLDSTON INTL | 1732N | 08818W | 5 | | | 28.3 | .5 | | | | | 21 | 339 | 96 | 4 | 194 | 85 |
| HONDURAS | | | | | | | | | | | | | | | | | |
| 78705 LA CEIBA (AIRPORT) | 1544N | 08652W | 26 | | 1011.6 | 1012.9 | 28.2 | .7 | 28.2 | -1.5 | | 10 | 73 | -101 | 1 | 224 | 115 |
| 78720 TEGUCIGALPA | 1403N | 08713W | 1007 | | 903.8 | 1012.2 | 22.5 | .4 | 20.9 | 1.9 | | 13 | 85 | 3 | 3 | 195 | 102 |
| COSTA RICA | | | | | | | | | | | | | | | | | |
| 78762 JUAN SANTAMARIA INT. AIRPORT | 0959N | 08413W | 934 | | 908.4 | 1008.8 | 22.7 | .7 | 22.6 | | | 18 | 333 | 152 | 5 | | |
| 78767 PUERTO LIMON | 1000N | 08303W | 5 | | 1009.2 | 1009.6 | 26.5 | 1.3 | 29.2 | -128 | | 22 | 280 | -128 | 2 | 134 | 112 |

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| NETHERLANDS ANTILLES & ARUBA 78866 JULIANA AIRPORT, | 1802N | 06307W | 4 | | 1017.6 | 1018.1 | 27.9 | -.1 | 26.5 | -1.9 | 19 | 125 | 49 | 5 | 256 | 100 |
| GUADELOUPE 78897 LE RAIZET, GUADELOUPE | 1616N | 06131W | 11 | | | 1016.6 | 27.5 | -.1 | 29.0 | | 12 | 157 | 7 | 6 | 209 | |
| MARTINIQUE 78925 LE LAMENTIN | 1436N | 06100W | 8 | | | 1015.9 | 27.7 | .5 | 30.3 | 1.2 | 21 | 229 | 26 | 6 | 167 | 68 |
| BARBADOS 78954 GRANTLEY ADAMS | 1304N | 05929W | 56 | | 1008.8 | 1015.3 | 28.4 | | 29.7 | | 10 | 53 | | 1 | 233 | |
| TRINIDAD AND TOBAGO 78962 CROWN POINT AIRPORT, 78970 PIARCO INT. AIRPORT, | 1109N | 06050W | 6 | | 1014.2 | 1015.0 | 27.2 | .0 | 27.5 | -1.6 | 17 | 241 | 38 | 4 | 245 | 100 |
| | 1037N | 06121W | 15 | | 1012.1 | 1014.6 | 27.2 | 1.0 | 30.2 | 1.8 | 24 | 349 | 83 | 5 | 199 | 97 |
| CURACAO AND BONAIRE 78988 HATO AIRPORT, CURACAO | 1212N | 06858W | 9 | | 1012.5 | 1013.4 | 28.3 | .2 | 29.6 | .3 | 7 | 26 | -8 | 3 | 276 | 98 |
| COLOMBIA 80001 SAN ANDRES (ISLA)/SESKUICENT 80002 PROVIDENCIA (ISLA)/EL EMBRUJ | 1235N | 08143W | 6 | | 1011.7 | 1011.8 | 28.4 | .6 | 32.5 | 1.4 | 15 | 193 | -11 | 5 | 220 | 120 |
| | 1322N | 08121W | 6 | | | | 28.6 | | 32.3 | | 16 | 117 | | 3 | 223 | 105 |
| S AMERICA | | | | | | | | | | | | | | | | |
| COLOMBIA | | | | | | | | | | | | | | | | |
| 80009 SANTA MARTA/SIMON BOLIVAR | 1108N | 07414W | 14 | | 1009.2 | 1009.7 | 29.7 | 1.0 | 31.4 | 2.3 | 9 | 55 | 0 | 3 | 223 | 100 |
| 80022 CARTAGENA/RAFAEL NUNEZ | 1027N | 07531W | 12 | | 1009.7 | 1009.9 | 28.7 | .6 | 32.6 | 2.2 | 10 | 103 | 9 | 3 | 206 | 95 |
| 80028 BARRANQUILLA/ERNESTO CORTISS | 1053N | 07447W | 30 | | 1006.8 | 1008.6 | 28.3 | .2 | 30.1 | .2 | 4 | 128 | 58 | 4 | 223 | 105 |
| 80084 APARTADO/LOS CEDROS | 0749N | 07642W | 20 | | | | 27.8 | | 31.9 | | 23 | 261 | | | 258 | |
| 80091 BARRANCABERMEJA/YARIGUIES | 0701N | 07348W | 134 | | | | 28.7 | .5 | 28.8 | .5 | 10 | 214 | 37 | 1 | 180 | 83 |
| 80094 BUCARAMANGA/PALONEGRO | 0706N | 07312W | 1189 | | 881.5 | | 21.8 | | 22.0 | | 10 | 46 | -43 | 0 | 133 | 80 |
| 80097 CUCUTA/CAMILO DAZA | 0756N | 07231W | 317 | | 975.4 | 1009.3 | 28.2 | .3 | 21.9 | -.8 | 9 | 32 | 0 | 1 | 169 | 85 |
| 80099 ARAUCA/SANTIAGO PEREZ | 0704N | 07044W | 128 | | 993.4 | 1008.4 | 26.8 | 1.3 | 28.5 | .6 | 19 | 176 | -94 | 1 | 153 | 106 |
| 80112 RIONEGRO/J.M.CORDOVA | 0608N | 07526W | 2142 | | 791.4 | | 16.7 | | 14.9 | | 12 | 115 | | | 208 | 90 |
| 80139 PUERTO CARRENO/A.GUAUQUEA | 0610N | 06730W | 55 | | | | 26.8 | .6 | 27.8 | 1.3 | 23 | 334 | -108 | 4 | 97 | 69 |
| 80144 QUIBDO/EL CARANO | 0543N | 07637W | 53 | | | | 27.2 | .6 | 30.7 | .9 | 25 | 851 | 81 | 4 | 119 | 86 |
| 80210 PEREIRA/MATECANA | 0449N | 07544W | 1342 | | 865.7 | | 22.7 | .9 | 20.4 | 1.4 | 11 | 111 | -13 | 0 | 190 | 102 |
| 80214 IBAGUE/PERALES | 0426N | 07509W | 928 | | | | 25.3 | .8 | 19.9 | -.2 | 4 | 13 | -59 | 0 | 183 | 93 |

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|--------|------|----------|----------|-------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | MEAN | DEPART | MEAN | DEPART | QUINTILE | TOTAL |
| 80222 BOGOTA/ELDORADO | 0442N | 07409W | 2547 | | 752.4 | | 13.3 | .2 | 11.6 | .0 | 2 | 17 | -24 | 0 | 136 | 96 |
| 80234 VILLAVICENCIO/VANGUARDIA | 0410N | 07337W | 431 | | 962.9 | 1012.2 | 24.4 | .5 | 24.4 | .2 | 25 | 347 | -57 | 1 | 102 | 93 |
| 80259 CALI/ALFONSO BONILLA ARAGON | 0333N | 07623W | 969 | | 905.2 | | 24.3 | | 21.0 | | 4 | 32 | 4 | 1 | 171 | 90 |
| 80315 NEIVA/BENITO SALAS | 0258N | 07518W | 443 | | 960.0 | 1008.9 | 28.4 | .2 | 20.5 | .2 | 5 | 36 | -8 | 2 | 160 | 91 |
| 80370 IPIALES/SAN LUIS | 0049N | 07738W | 2961 | | | | 10.2 | .4 | 10.2 | .0 | 10 | 39 | -9 | 1 | 128 | 98 |
| 80398 LETICIA/VASQUEZ COBO | 0410S | 06957W | 84 | | 1006.6 | 1014.9 | 25.6 | .6 | 28.6 | 1.4 | 15 | 182 | 10 | 1 | 201 | 104 |
| VENEZUELA | | | | | | | | | | | | | | | | |
| 80403 CORO | 1125N | 06941W | 17 | | | | 29.1 | .7 | 28.9 | | 3 | 15 | -20 | 2 | 268 | 94 |
| 80407 MARACAIBO-LA CHINITA | 1034N | 07144W | 66 | | 1005.5 | 1013.2 | 28.9 | .4 | 28.6 | | 4 | 42 | 16 | 5 | 217 | 89 |
| 80413 MARACAY - B.A. SUCRE | 1015N | 06739W | 437 | | 964.6 | 1013.1 | 25.0 | .7 | 21.8 | | 14 | 136 | 7 | 4 | 208 | 95 |
| 80415 CARACAS/MAIQUETIA AEROP. INT | 1036N | 06659W | 48 | | 1007.4 | 1012.8 | 27.6 | 1.2 | 29.0 | | 5 | 42 | -15 | 2 | 254 | 105 |
| 80416 CARACAS/LA CARLOTA | 1030N | 06653W | 835 | | 922.4 | | 22.0 | -.2 | 22.4 | | 14 | 82 | -39 | | 200 | 95 |
| 80419 BARCELONA | 1007N | 06441W | 7 | | 1011.4 | 1012.3 | 25.5 | -.8 | 24.1 | | 15 | 115 | -4 | 3 | 207 | 89 |
| 80420 CUMANA | 1027N | 06411W | 4 | | 1013.9 | 1014.5 | 27.2 | | 27.5 | | 8 | 40 | | | 224 | 100 |
| 80421 PORLAMAR (AEROPUERTO INT. DE | 1055N | 06358W | 24 | | 1011.6 | 1013.8 | 27.6 | | 30.6 | | 5 | 49 | | | 240 | 95 |
| 80423 GUIRIA | 1035N | 06219W | 14 | | | | 26.1 | -.8 | 18.7 | | 13 | 125 | -1 | 3 | 185 | 92 |
| 80425 MENE GRANDE | 0949N | 07056W | 28 | | | | 28.6 | 1.0 | 28.8 | | 11 | 286 | 184 | 5 | 209 | 92 |
| 80426 VALERA | 0921N | 07037W | 582 | | 950.5 | 1014.7 | 25.6 | | 24.3 | | 9 | 66 | | | 179 | 90 |
| 80427 ACARIGUA | 0933N | 06914W | 226 | | 988.3 | 1013.6 | 25.2 | .3 | 25.7 | | 17 | 184 | -34 | | 257 | 141 |
| 80428 GUANARE | 0901N | 06944W | 163 | | 994.1 | 1012.6 | 25.3 | .6 | 26.3 | | 22 | 333 | 67 | | 135 | 81 |
| 80431 SAN JUAN DE LOS MORROS | 0955N | 06720W | 429 | | | | 26.1 | | 26.0 | | 15 | 180 | | | 200 | 105 |
| 80432 CARRIZAL | 0925N | 06655W | 161 | | 991.8 | 1009.9 | 25.7 | | 28.5 | | 14 | 177 | | | 116 | 50 |
| 80434 VALLE DE LA PASCUA | 0913N | 06601W | 125 | | 994.1 | 1008.9 | 27.5 | | 27.9 | | 20 | 280 | | | 207 | |
| 80435 MATURIN | 0945N | 06311W | 66 | | 1007.0 | 1014.7 | 27.9 | 2.3 | 31.5 | | 23 | 180 | -35 | 2 | 171 | 92 |
| 80437 EL VIGIA | 0838N | 07139W | 103 | | 993.9 | 1009.7 | 27.7 | | 27.6 | | 11 | 79 | | | 156 | |
| 80438 MERIDA | 0836N | 07111W | 1498 | | 852.1 | 1518 Y | 20.2 | .9 | 15.4 | | 15 | 100 | -19 | 2 | 176 | 83 |
| 80440 BARINAS | 0837N | 07013W | 204 | | 993.2 | 1014.3 | 26.6 | | 24.7 | | 13 | 155 | | | 132 | |
| 80442 CALABOZO | 0856N | 06725W | 101 | | | | 28.0 | | 33.1 | | 20 | 198 | | | 104 | |
| 80444 CIUDAD BOLIVAR | 0809N | 06333W | 48 | | 1007.1 | 1012.3 | 27.1 | .2 | 31.1 | | 16 | 357 | 174 | 5 | 208 | 90 |
| 80447 SAN ANTONIO DEL TACHIRA | 0751N | 07227W | 378 | | 967.5 | 1009.5 | 26.8 | .0 | 21.7 | | 6 | 36 | 10 | 4 | 132 | 71 |
| 80448 GUASDUALITO | 0714N | 07048W | 131 | | | | 25.5 | .6 | 28.6 | | 20 | 381 | 95 | | 124 | 84 |
| 80453 TUMEREMO | 0718N | 06127W | 181 | | | | 25.3 | .4 | 28.3 | | 24 | 200 | 27 | 4 | 211 | 113 |
| 80457 PUERTO AYACUCHO | 0536N | 06730W | 74 | | 1006.7 | 1015.3 | 25.4 | .3 | 20.5 | | 23 | 492 | 94 | 4 | 66 | 46 |
| 80462 SANTA ELENA DE UAIREN | 0436N | 06107W | 907 | | | | 21.6 | 1.0 | 23.2 | | 26 | 620 | 391 | 5 | 170 | 89 |
| 80472 VALENCIA | 1010N | 06756W | 431 | | 963.7 | 1011.5 | 25.1 | | 26.2 | | 16 | 142 | | | 211 | |
| 80475 STO. DOMINGO | 0735N | 07204W | 327 | | 983.0 | | 23.2 | | 24.6 | | 24 | 252 | | | 95 | 75 |
| FRENCH GUIANA | | | | | | | | | | | | | | | | |
| 81401 SAINT-LAURENT-DU-MARONI | 0530N | 05402W | 9 | | 1013.1 | 1014.1 | 26.1 | | 27.7 | | 23 | 174 | -76 | 6 | 126 | 63 |
| 81405 ROCHAMBEAU | 0450N | 05222W | 9 | | 1012.9 | 1013.8 | 26.1 | | 29.4 | | 21 | 261 | 17 | 6 | 199 | 93 |
| 81408 SAINT GEORGES DE L'OYAPOCK | 0353N | 05148W | 7 | | 1012.6 | 1013.4 | 25.8 | | 28.1 | | 10 | 108 | -96 | 6 | | |
| 81415 MARIPASOULA | 0338N | 05402W | 104 | | 999.6 | 1011.6 | 25.6 | | 28.4 | | | | | | | |
| BRAZIL | | | | | | | | | | | | | | | | |

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| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|---------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 82024 BOA VISTA | 0249N | 06039W | 90 | | 1011.4 | 1013.1 | 26.4 | .7 | 29.7 | | 23 | 380 | 5 | 142 | | |
| 82098 MACAPA | 0002N | 05103W | 15 | | | | 26.8 | | 30.7 | | 23 | 265 | 5 | 225 | 99 | |
| 82106 SAO GABRIEL DA CACHOEIRA | 0008S | 06705W | 90 | | | | 25.3 | | 29.2 | | 19 | 345 | 5 | 155 | | |
| 82113 BARCELLOS | 0059S | 06255W | 40 | | | | 26.0 | .4 | 30.2 | | 18 | 197 | 35 | 153 | 89 | |
| 82145 TRACUATEUA (BRAGANCA) | 0105S | 04656W | 36 | | 1009.0 | 1013.2 | 25.9 | .8 | 29.9 | | 15 | 118 | -55 | 1 | 220 | 107 |
| 82181 MONTE ALEGRE | 0200S | 05405W | 146 | | 1001.1 | 1015.1 | 27.2 | 1.2 | 28.5 | | 7 | 51 | -40 | 2 | 249 | 107 |
| 82184 PORTO DE MOZ | 0144S | 05214W | 16 | | 1011.2 | 1012.9 | 27.5 | 1.3 | 30.8 | | 18 | 157 | -20 | 3 | 227 | 100 |
| 82191 BELEM | 0127S | 04828W | 10 | | 1011.7 | 1012.3 | 27.2 | 1.4 | 30.0 | | 11 | 107 | -45 | 1 | 254 | 101 |
| 82212 FONTE BOA | 0232S | 06610W | 56 | | 1005.3 | 1011.3 | 26.4 | | 31.3 | | 16 | 197 | 4 | 147 | | |
| 82246 BELTERRA | 0238S | 05457W | 176 | | 993.2 | 1013.4 | 25.9 | 1.7 | 30.0 | | 11 | 61 | -32 | 2 | 239 | 105 |
| 82280 SAO LUIZ | 0232S | 04418W | 51 | | 1007.7 | 1013.6 | 26.5 | .8 | 30.4 | | 8 | 63 | -74 | 2 | 235 | 99 |
| 82331 MANAUS | 0308S | 06001W | 72 | | 1005.5 | 1013.8 | 27.3 | .8 | 30.1 | | 6 | 72 | -15 | 3 | 232 | 108 |
| 82397 FORTALEZA | 0346S | 03836W | 26 | | 1011.7 | 1014.8 | 26.1 | .4 | 27.0 | | 6 | 42 | -49 | 2 | 270 | 103 |
| 82410 BENJAMIN CONSTANT | 0423S | 07002W | 65 | | | | 25.3 | | 28.8 | | 12 | 111 | 3 | 185 | | |
| 82425 COARI | 0405S | 06308W | 46 | | | | 26.0 | | | | 8 | 109 | 4 | | | |
| 82445 ITAITUBA | 0416S | 05559W | 45 | | 1009.8 | 1015.0 | 27.6 | 1.2 | 30.6 | | 9 | 59 | -8 | 3 | 228 | 93 |
| 82460 BACABAL | 0415S | 04447W | 25 | | 1010.7 | 1013.6 | 27.6 | | 27.2 | | 1 | 3 | | 2 | 291 | 110 |
| 82533 MANICORE | 0549S | 06118W | 50 | | 1006.4 | 1011.9 | 26.3 | | 28.8 | | 7 | 119 | 5 | 214 | | |
| 82562 MARABA | 0521S | 04909W | 95 | | 1001.2 | 1011.8 | 28.7 | 2.4 | 24.6 | | 0 | T | -20 | 2 | 290 | 117 |
| 82571 BARRA DO CORDA | 0530S | 04516W | 153 | | 996.0 | 1013.5 | 25.9 | 1.2 | 22.9 | | 1 | 2 | -12 | 3 | 293 | 114 |
| 82578 TERESINA | 0505S | 04249W | 74 | | 1005.4 | 1015.6 | 26.2 | .2 | 26.4 | | 2 | 8 | -4 | 3 | 292 | 99 |
| 82586 QUIXERAMOBIM | 0512S | 03918W | 212 | | 987.8 | 1011.1 | 26.0 | .7 | 21.3 | | 3 | 10 | -35 | 2 | 264 | 109 |
| 82598 NATAL | 0546S | 03512W | 45 | | 1010.2 | 1015.4 | 25.2 | | 27.3 | | 13 | 133 | 2 | 241 | 115 | |
| 82678 FLORIANO | 0646S | 04301W | 127 | | 1000.6 | 1016.4 | 27.1 | 2.1 | 19.7 | | 0 | 0 | -20 | 2 | 295 | 101 |
| 82704 CRUZEIRO DO SUL | 0738S | 07240W | 170 | | 989.5 | 1008.7 | 25.7 | | 25.9 | | 6 | 124 | 5 | 236 | | |
| 82723 LABREA | 0715S | 06450W | 60 | | 1005.2 | 1013.4 | 26.6 | | 27.9 | | 3 | 30 | 1 | 224 | | |
| 82765 CAROLINA | 0720S | 04728W | 193 | | 992.7 | 1016.7 | 27.7 | 1.3 | 22.1 | | 0 | 0 | -9 | 0 | 307 | 107 |
| 82784 BARBALHA | 0719S | 03918W | 409 | | 969.5 | 1015.1 | 24.3 | .5 | 21.4 | | 1 | 8 | -3 | 3 | 254 | 101 |
| 82825 PORTO VELHO | 0846S | 06355W | 95 | | 1002.9 | 1009.8 | 25.8 | 1.8 | 24.1 | | 2 | 18 | -4 | 3 | 246 | 113 |
| 82861 CONCEICAO DO ARAGUAIA | 0815S | 04917W | 157 | | 993.9 | 1010.8 | 27.8 | 2.4 | 22.2 | | 0 | 0 | -18 | 0 | 310 | 108 |
| 82900 RECIFE | 0803S | 03455W | 7 | | 1015.8 | 1016.7 | 24.5 | .5 | 26.1 | | 20 | 222 | -163 | 1 | 201 | 119 |
| 82915 RIO BRANCO | 0958S | 06748W | 160 | | 994.9 | 1013.3 | 24.3 | .9 | 25.3 | | 2 | 6 | -36 | 1 | 284 | 140 |
| 82983 PETROLINA | 0923S | 04029W | 370 | | 974.7 | 1016.4 | 24.0 | -.7 | 18.4 | | 2 | 5 | -8 | 3 | 224 | 96 |
| 82986 PAULO AFONSO | 0924S | 03813W | 253 | | 988.1 | 1017.2 | 22.2 | -.8 | 23.6 | | 14 | 140 | 88 | 5 | 129 | 71 |
| 83064 PORTO NACIONAL | 1043S | 04835W | 239 | | 987.0 | 1014.0 | 28.4 | 3.0 | 19.9 | | 0 | 0 | -5 | 4 | 298 | 104 |
| 83096 ARACAJU | 1055S | 03703W | 5 | | 1016.8 | 1017.5 | 24.3 | -.3 | 25.6 | | 24 | 194 | -12 | 3 | 172 | 86 |
| 83186 JACOBINA | 1111S | 04028W | 485 | | 963.2 | 1017.6 | 20.5 | -.7 | 18.7 | | 6 | 35 | -6 | 3 | 165 | 99 |
| 83229 SALVADOR | 1301S | 03831W | 51 | | 1013.3 | 1019.3 | 23.5 | -.1 | 24.0 | | 11 | 92 | -111 | 1 | 157 | 87 |
| 83235 TAGUATINGA | 1224S | 04626W | 604 | | 947.5 | 1014.3 | 24.0 | .6 | 15.4 | | 0 | 0 | -2 | 4 | 268 | 100 |
| 83236 BARREIRAS | 1209S | 04500W | 439 | | 965.2 | 1015.1 | 21.8 | -.4 | 15.7 | | 0 | 0 | -1 | 4 | 276 | 99 |
| 83242 LENCOIS | 1234S | 04123W | 439 | | 968.5 | 1018.7 | 20.3 | -.6 | 19.2 | | 4 | 26 | -39 | 1 | 172 | 118 |
| 83264 GLEBA CELESTE | 1212S | 05630W | 415 | | 971.5 | 1018.3 | 24.2 | 2.3 | 18.9 | | 0 | 0 | -2 | 3 | 276 | 109 |
| 83288 BOM JESUS DA LAPA | 1316S | 04325W | 440 | | 966.9 | 1014.8 | 23.4 | -.3 | 16.4 | | 0 | 0 | -1 | 0 | 258 | 94 |
| 83332 POSSE | 1406S | 04622W | 826 | | 924.5 | 1014.9 | 22.4 | .5 | 12.8 | | 0 | 0 | -4 | 4 | 266 | 102 |
| 83344 VITORIA DA CONQUISTA | 1457S | 04053W | 840 | | 921.5 | 1019.9 | 16.5 | -.3 | 16.0 | | 2 | 9 | -8 | 1 | 181 | 110 |
| 83358 POXOREO (POXOREU) | 1550S | 05423W | 450 | | | | 21.4 | | 18.4 | | 2 | 8 | | 4 | 272 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|----------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 83377 BRASILIA | 1547S | 04756W | 1159 | | 888.9 | 1016.1 | 19.2 | .1 | 12.1 | | 0 | 0 | -11 | 3 | 249 | 94 |
| 83423 GOIANIA | 1640S | 04915W | 741 | | 933.8 | 1015.7 | 22.4 | 1.6 | 14.6 | | 0 | 0 | -6 | 3 | | |
| 83437 MONTES CLAROS | 1643S | 04352W | 646 | | 945.2 | 1018.2 | 19.1 | -.3 | 14.0 | | 0 | 0 | -3 | 3 | 256 | 99 |
| 83492 TEOFILO OTONI | 1751S | 04131W | 356 | | 979.6 | 1018.9 | 18.8 | -.7 | 17.6 | | 2 | 6 | -22 | 1 | 177 | 109 |
| 83498 CARAVELAS | 1744S | 03915W | 3 | | 1020.2 | 1020.7 | 20.3 | -1.9 | 18.9 | | 8 | 27 | -83 | | 157 | 81 |
| 83550 SAO MATEUS | 1842S | 03951W | 25 | | 1017.5 | 1023.3 | 21.0 | -.1 | 21.6 | | 7 | 63 | -4 | 4 | 192 | 117 |
| 83552 CORUMBA | 1905S | 05730W | 130 | | 1000.1 | 1017.9 | 24.5 | 2.7 | 21.3 | | 2 | 24 | -5 | 3 | | |
| 83565 PARANAIBA | 1942S | 05111W | 331 | | 969.1 | 1016.3 | 22.3 | 2.3 | 14.3 | | 1 | 2 | -29 | 2 | 256 | 96 |
| 83579 ARAXA | 1934S | 04656W | 1004 | | 906.4 | 1019.1 | 19.0 | 1.5 | 12.8 | | 0 | 0 | -20 | 2 | 287 | 113 |
| 83587 BELO HORIZONTE | 1956S | 04356W | 850 | | 916.7 | 1018.0 | 19.3 | 1.2 | 12.1 | | 1 | 32 | 17 | 4 | 236 | 92 |
| 83592 CARATINGA | 1948S | 04209W | 609 | | 950.9 | 1020.5 | 17.3 | -.7 | 16.8 | | 1 | 10 | -4 | 2 | 240 | 120 |
| 83618 TRES LAGOAS | 2047S | 05142W | 313 | | 980.4 | | 20.4 | 1.0 | 20.8 | | 1 | 14 | -15 | 2 | 240 | 103 |
| 83630 FRANCA | 2033S | 04726W | 1026 | | 905.5 | 1018.3 | 19.7 | 4.4 | 12.7 | | 1 | 11 | -10 | 2 | 236 | |
| 83648 VITORIA | 2019S | 04020W | 36 | | 1016.4 | 1020.7 | 21.9 | .2 | 20.1 | | 5 | 62 | -16 | 3 | 207 | |
| 83676 CATANDUVA | 2108S | 04858W | 536 | | 953.4 | 1016.8 | 21.5 | 2.4 | 13.6 | | 1 | 2 | -20 | 2 | 252 | 105 |
| 83698 CAMPOS | 2145S | 04120W | 11 | | 1018.7 | 1020.1 | 21.4 | | 19.5 | | 2 | 19 | | 2 | | |
| 83702 PONTA PORA | 2232S | 05542W | 650 | | 940.5 | 1017.3 | 16.7 | .3 | 15.1 | | 3 | 64 | 9 | 4 | 220 | 104 |
| 83704 IVINHEMA | 2219S | 05356W | 369 | | 973.5 | 1014.6 | 21.3 | 2.9 | 14.6 | | 4 | 38 | 15 | 3 | 237 | 112 |
| 83716 PRESIDENTE PRUDENTE | 2207S | 05123W | 436 | | 966.7 | 1016.1 | 21.9 | | 14.2 | | 4 | 31 | | 3 | 252 | |
| 83726 SAO CARLOS | 2201S | 04753W | 856 | | 923.1 | 1020.4 | 18.1 | 2.1 | 14.6 | | 4 | 14 | -16 | 2 | 228 | |
| 83738 RESENDE | 2229S | 04428W | 440 | | 961.7 | 1012.1 | 17.6 | | 15.0 | | 2 | 24 | -44 | 3 | 221 | |
| 83766 LONDRINA | 2323S | 05111W | 566 | | 954.1 | 1019.7 | 18.9 | 2.3 | 15.9 | | 3 | 24 | | 2 | 238 | 120 |
| 83781 SAO PAULO | 2330S | 04637W | 792 | | 929.6 | 1019.1 | 18.1 | 2.3 | 13.8 | | 6 | 71 | 27 | 5 | | |
| 83836 IRATI | 2528S | 05038W | 837 | | 919.9 | 1017.8 | 14.1 | | 12.3 | | 5 | 53 | | 1 | 175 | 105 |
| 83842 CURITIBA | 2525S | 04916W | 924 | | 915.8 | 1019.3 | 15.6 | 2.8 | 13.3 | | 3 | 47 | -42 | 2 | 202 | 137 |
| 83881 IRAI | 2711S | 05314W | 247 | | 987.7 | 1016.6 | 17.1 | 3.7 | 16.1 | | 7 | 70 | -51 | 1 | 172 | 106 |
| 83897 FLORIANOPOLIS | 2735S | 04834W | 2 | | 1018.0 | 1018.3 | 18.3 | 2.0 | 18.2 | | 5 | 41 | -53 | 1 | 179 | 106 |
| 83967 PORTO ALEGRE | 3001S | 05113W | 47 | | 1012.6 | 1018.4 | 17.0 | 2.5 | 16.3 | | 8 | 68 | -53 | 1 | 133 | 90 |
| 83980 BAGE | 3120S | 05406W | 242 | | 988.5 | 1017.1 | 14.8 | 2.3 | 14.4 | | 6 | 59 | -81 | 1 | 168 | 123 |
| 83997 ST.VITORIA DO PALMAR | 3331S | 05321W | 24 | | 1014.4 | 1018.9 | 14.2 | 2.9 | 14.6 | | 5 | 43 | -77 | 1 | 140 | 97 |
| PERU | | | | | | | | | | | | | | | | |
| 84370 TUMBES | 0333S | 08023W | 27 | | 1008.4 | 1011.3 | 23.6 | | 23.6 | | 0 | 0 | | 4 | | |
| 84377 IQUITOS | 0347S | 07318W | 126 | | 1002.7 | 1013.3 | 25.2 | | 26.1 | | 10 | 118 | -63 | 2 | | |
| 84401 PIURA | 0512S | 08036W | 55 | | 1008.9 | 1015.8 | 21.6 | | 19.6 | | 0 | 0 | -1 | 5 | | |
| 84452 CHICLAYO | 0647S | 07949W | 30 | | 1014.6 | 1017.7 | 20.9 | | 19.5 | | 0 | 0 | 0 | 5 | | |
| 84455 TARAPOTO | 0630S | 07622W | 282 | | 984.5 | 1019.9 | 25.9 | | 25.0 | | 2 | 70 | 12 | 4 | | |
| 84501 TRUJILLO | 0805S | 07906W | 30 | | 1011.6 | 1015.6 | 20.0 | | 18.9 | | 2 | 3 | 3 | 5 | | |
| 84515 PUCALLPA | 0822S | 07434W | 149 | | 995.9 | 1013.4 | 27.0 | | 26.9 | | 1 | 6 | | 1 | | |
| 84628 LIMA/CALLAO | 1201S | 07707W | 13 | | 1013.0 | 1014.6 | 18.4 | | 16.4 | | 0 | 0 | -1 | 2 | | |
| 84686 CUZCO | 1332S | 07156W | 3249 | | 689.5 | | 9.3 | | | | 0 | 0 | -3 | 3 | | |
| 84691 PISCO | 1344S | 07613W | 7 | | 1013.4 | 1014.1 | 18.0 | | 16.5 | | 0 | 0 | -1 | 5 | | |
| 84735 JULIACA | 1528S | 07009W | 3827 | | 646.2 | | 8.8 | | 6.5 | | 0 | 0 | -2 | 4 | | |
| 84752 AREQUIPA | 1620S | 07134W | 2539 | | 754.3 | | 14.2 | | 2.4 | | 0 | 0 | 0 | 5 | | |
| 84782 TACNA | 1803S | 07016W | 469 | | 963.6 | 1014.8 | 15.8 | | 13.0 | | 0 | 0 | -4 | 4 | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL |
| CHILE | | | | | | | | | | | | | | | | |
| 85406 ARICA | 1821S | 07020W | 55 | | 1011.1 | 1015.4 | 16.9 | 1.3 | 13.9 | .1 | 0 | 0 | -1 | 3 | 154 | 120 |
| 85418 IQUIQUE | 2032S | 07011W | 48 | | 1010.1 | 1015.7 | 16.7 | 1.5 | 14.2 | .9 | 0 | 0 | -1 | 3 | 174 | 105 |
| 85442 ANTOFAGASTA | 2326S | 07027W | 140 | | 999.6 | 1016.2 | 14.9 | 1.5 | 12.4 | .3 | 0 | 0 | -1 | 3 | 194 | 90 |
| 85469 ISLA DE PASCUA | 2710S | 10920W | 69 | | 1011.1 | 1019.1 | 17.2 | | 14.1 | | 15 | 100 | | 4 | 158 | 100 |
| 85488 LA SERENA | 2955S | 07112W | 146 | | 1000.8 | 1016.8 | 12.4 | 1.7 | | | 8 | 120 | | 4 | 123 | 95 |
| 85574 PUDAHUEL | 3323S | 07047W | 474 | | 962.7 | 1018.8 | 9.7 | | 9.4 | | 9 | 130 | | 5 | 117 | 100 |
| 85577 QUINTA NORMAL | 3326S | 07041W | 520 | | 957.0 | 1018.1 | 10.1 | | 10.2 | | 15 | 178 | | 4 | 105 | 115 |
| 85585 JUAN FERNANDEZ | 3337S | 07849W | 30 | | 1013.2 | 1016.8 | 13.1 | | 12.3 | | 10 | 240 | 74 | 4 | 115 | 130 |
| 85629 CURICO | 3458S | 07113W | 220 | | | | | | | | 12 | 326 | 106 | 5 | 90 | 85 |
| 85672 CHILLAN | 3635S | 07202W | 148 | | | | | | | | 16 | 312 | 90 | 5 | 117 | 90 |
| 85682 CONCEPCION | 3646S | 07304W | 148 | | 1016.4 | 1017.4 | 9.7 | .9 | 10.6 | .7 | 18 | 215 | 47 | 4 | 82 | 105 |
| 85743 TEMUCO | 3846S | 07238W | 93 | | 1005.2 | 1016.5 | 8.3 | 1.1 | 9.7 | .7 | 21 | 280 | 52 | 4 | 67 | 85 |
| 85799 PUERTO MONTT | 4126S | 07306W | 90 | | 1003.2 | 1014.4 | 7.0 | .4 | 9.5 | .7 | 19 | 185 | 25 | 4 | 53 | 65 |
| 85864 COYHAIQUE | 4536S | 07206W | 311 | | 973.1 | 1011.1 | 1.6 | -.4 | 5.8 | .0 | 16 | 122 | 39 | 4 | | |
| 85874 BALMACEDA | 4555S | 07142W | 522 | | 947.6 | 1012.1 | -1.0 | -1.2 | 5.2 | .2 | 7 | 33 | 3 | 4 | | |
| 85934 PUNTA ARENAS | 5300S | 07051W | 43 | | 999.2 | 1004.0 | 2.2 | 1.1 | 6.1 | .6 | | | | 88 | 120 | |
| PARAGUAY | | | | | | | | | | | | | | | | |
| 86011 ADRIAN JARA | 1932S | 05922W | 150 | | 998.0 | 1015.4 | 24.1 | | 18.4 | | 2 | 30 | | 5 | | |
| 86033 BAHIA NEGRA | 2014S | 05810W | 96 | | 1003.4 | 1012.5 | 23.9 | | | | 3 | 18 | | 3 | | |
| 86065 PRAT GILL | 2242S | 06130W | 220 | | 989.1 | 1014.6 | 20.0 | | | | 0 | 0 | | 0 | | |
| 86068 MARISCAL ESTIGARRIBIA | 2201S | 06036W | 167 | | 994.1 | 1012.2 | 22.6 | 3.3 | 17.0 | 3.5 | 0 | 0 | -14 | 0 | | |
| 86086 LA VICTORIA | 2217S | 05756W | 88 | | 1005.2 | 1015.3 | 21.8 | 1.9 | | | 1 | 9 | -18 | 2 | | |
| 86097 PEDRO JUAN CABALLERO | 2335S | 05544W | 652 | | 952.7 | 1015.3 | 20.2 | | 15.0 | | 3 | 49 | | 5 | | |
| 86128 POZO COLORADO | 2327S | 05852W | 99 | | 1001.8 | 1013.3 | 21.9 | | | | 0 | 0 | | 0 | | |
| 86134 CONCEPCION | 2325S | 05718W | 74 | | 1005.6 | 1014.9 | 21.4 | 2.7 | 17.3 | 1.9 | 1 | 35 | -7 | 3 | | |
| 86185 SAN PEDRO | 2404S | 05705W | 80 | | 1006.2 | 1015.4 | 20.7 | | 17.3 | | 4 | 46 | | 4 | | |
| 86218 ASUNCION/AEROPUERTO | 2515S | 05731W | 101 | | 1006.6 | 1015.5 | 21.0 | 3.1 | 16.8 | 2.2 | 2 | 6 | -36 | 1 | | |
| 86233 VILLARRICA | 2546S | 05626W | 161 | | 995.6 | 1014.3 | 20.0 | 3.0 | 16.9 | 2.3 | 4 | 55 | -12 | 1 | | |
| 86246 AEROPUERTO INT. GUARANI | 2521S | 05427W | 236 | | 988.8 | 1017.4 | 19.3 | | 16.8 | | 5 | 22 | | 1 | | |
| 86248 CIUDAD DEL ESTE | 2532S | 05436W | 196 | | 994.3 | 1015.9 | 19.3 | 2.9 | 17.1 | 2.3 | 2 | 15 | -75 | 1 | | |
| 86255 PILAR | 2651S | 05819W | 59 | | 1008.5 | 1014.7 | 18.7 | 2.2 | 17.3 | 2.8 | 2 | 14 | -43 | 1 | | |
| 86260 SAN JUAN BAUTISTA MISIONES | 2640S | 05709W | 126 | | 998.5 | 1013.2 | 20.0 | 4.0 | | | 4 | 90 | 12 | 4 | | |
| 86297 ENCARNACION | 2720S | 05550W | 91 | | 1004.1 | 1014.9 | 18.7 | 3.2 | 17.1 | 3.2 | 4 | 21 | -81 | 1 | | |
| ARGENTINA | | | | | | | | | | | | | | | | |
| 87007 LA QUIACA OBSERVATORIO | 2206S | 06536W | 3462 | | 673.7 | 3144 Z | 5.2 | 1.4 | 2.1 | -.5 | 0 | 0 | 0 | 1 | 299 | |
| 87016 ORAN AERO | 2309S | 06419W | 357 | | 971.4 | 1012.4 | 16.9 | 2.5 | 14.3 | 1.3 | 0 | 0 | -6 | 1 | 184 | |
| 87022 TARTAGAL AERO | 2239S | 06349W | 450 | | 961.9 | 1013.2 | 16.9 | | 14.1 | | 0 | 0 | | | 188 | |
| 87046 JUJUY AERO | 2423S | 06505W | 921 | | 911.5 | 1492 Y | 14.3 | | 10.7 | | 0 | 0 | | 1 | 197 | 100 |
| 87047 SALTA AERO | 2451S | 06529W | 1238 | | 879.3 | 1505 Y | 13.0 | 2.9 | 9.4 | 1.1 | 0 | 0 | -3 | 1 | 215 | 124 |
| 87078 LAS LOMITAS | 2442S | 06035W | 130 | | 998.9 | 1013.9 | 21.2 | 4.3 | 18.1 | 4.9 | 2 | -10 | 1 | 197 | 103 | |
| 87097 IGUAZU AERO | 2544S | 05428W | 270 | | 985.4 | 1016.7 | 18.7 | | 17.0 | | 4 | 26 | | 1 | 186 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 87121 TUCUMAN AERO | 2651S | 06506W | 450 | | 962.3 | 1014.2 | 15.0 | | 11.3 | | 0 | 0 | -3 | 1 | 142 | |
| 87129 SANTIAGO DEL ESTERO AERO. | 2746S | 06418W | 199 | | 991.2 | 1014.8 | 14.6 | 2.0 | 10.7 | .7 | 0 | 0 | -3 | 1 | 207 | |
| 87148 PRESIDENCIA ROQUE SAENZ PENA | 2644S | 06029W | 93 | | | 1013.7 | 17.8 | | 15.6 | | 2 | 10 | | 2 | 209 | |
| 87155 RESISTENCIA AERO | 2727S | 05903W | 53 | | 1008.7 | 1014.9 | 18.2 | | 15.9 | | 0 | 0 | | 1 | 175 | |
| 87162 FORMOSA AERO | 2612S | 05814W | 60 | | 1007.5 | 1014.7 | 20.5 | 3.7 | 16.5 | 1.6 | 1 | 13 | -36 | 1 | 221 | 115 |
| 87178 POSADAS AERO. | 2722S | 05558W | 131 | | 1001.5 | 1016.1 | 19.7 | 3.5 | 16.4 | 2.1 | 5 | 29 | -74 | 1 | 190 | |
| 87217 LA RIOJA AERO. | 2923S | 06649W | 438 | | 963.1 | 1013.8 | 13.0 | 2.1 | 9.0 | .7 | 0 | 0 | -3 | 1 | 226 | 111 |
| 87222 CATAMARCA AERO. | 2836S | 06546W | 454 | | 959.5 | 1012.0 | 14.3 | | 8.6 | | 0 | 0 | | 1 | 222 | 90 |
| 87244 VILLA DE MARIA DEL RIO SECO | 2954S | 06341W | 341 | | | 1014.8 | 14.4 | 2.0 | 13.5 | 2.1 | 1 | 1 | -17 | 1 | 186 | 109 |
| 87257 CERES AERO | 2953S | 06157W | 88 | | 1004.4 | 1014.8 | 14.4 | | 11.8 | 2.1 | 0 | 0 | -16 | 1 | | |
| 87270 RECONQUISTA AERO | 2911S | 05942W | 53 | | 1009.2 | 1015.4 | 17.1 | 3.3 | 14.6 | 1.0 | 1 | 1 | -38 | 1 | 215 | 124 |
| 87289 PASO DE LOS LIBRES AERO | 2941S | 05709W | 70 | | 1007.9 | 1016.3 | 16.8 | 3.2 | 15.4 | 2.4 | 3 | 43 | -47 | 2 | 194 | 160 |
| 87311 SAN JUAN AERO | 3124S | 06825W | 598 | | 943.6 | 1015.7 | 10.4 | | 6.2 | | 0 | 0 | | 1 | 233 | 110 |
| 87320 CHAMICAL AERO | 3022S | 06617W | 467 | | 960.5 | 1014.0 | 13.6 | 1.9 | 9.9 | 1.4 | 0 | 0 | -4 | 1 | 216 | |
| 87328 VILLA DOLORES AERO | 3157S | 06508W | 569 | | 952.1 | 1014.3 | 12.5 | 1.9 | 9.2 | 1.5 | 0 | 0 | -10 | 1 | 291 | 149 |
| 87344 CORDOBA AERO | 3119S | 06413W | 484 | | 960.0 | 1015.2 | 12.7 | 2.3 | 9.5 | .8 | 2 | 3 | -11 | 3 | 197 | 112 |
| 87349 PILAR OBSERVATORIO | 3140S | 06353W | 338 | | 976.1 | 1015.3 | 12.6 | 2.3 | 10.5 | 1.8 | 0 | 0 | -15 | 1 | 194 | 107 |
| 87374 PARANA AERO | 3147S | 06029W | 78 | | 1007.0 | 1016.2 | 14.7 | 3.2 | 13.9 | 2.8 | 3 | 30 | -3 | 3 | 181 | 106 |
| 87393 MONTE CASEROS AERO | 3016S | 05739W | 54 | | 1010.0 | 1016.4 | 17.2 | 3.8 | 18.4 | 5.7 | 3 | 69 | -11 | 3 | 184 | 110 |
| 87395 CONCORDIA AERO | 3118S | 05801W | 38 | | 1012.0 | 1016.5 | 15.6 | 2.8 | 14.4 | 2.2 | 2 | 9 | -64 | 1 | 140 | |
| 87418 MENDOZA AERO | 3250S | 06847W | 705 | | 933.7 | 1015.0 | 10.3 | 2.6 | 7.5 | .9 | 6 | 16 | 10 | 5 | 192 | 105 |
| 87436 SAN LUIS AERO | 3316S | 06621W | 713 | | | 1014.1 | 12.4 | 3.0 | 8.5 | 1.5 | 0 | 0 | -10 | 1 | 222 | 109 |
| 87448 VILLA REYNOLDS AERO | 3344S | 06523W | 486 | | | 1016.1 | 9.5 | 1.6 | 8.4 | .9 | 3 | 6 | -10 | 1 | 160 | 94 |
| 87453 RIO CUARTO AERO | 3307S | 06414W | 421 | | 965.1 | 1014.4 | 11.7 | 2.5 | 9.0 | 1.0 | 0 | 0 | -12 | 1 | 148 | 92 |
| 87467 MARCOS JUAREZ AERO | 3242S | 06209W | 114 | | | 1016.2 | 12.2 | 2.3 | 14.5 | 4.4 | 01 | 1 | -24 | 1 | 163 | 110 |
| 87480 ROSARIO AERO | 3255S | 06047W | 25 | | 1012.7 | 1015.7 | 13.4 | 3.1 | 12.3 | 1.7 | 1 | 3 | -33 | 1 | 168 | 104 |
| 87497 GUALEGUAYCHU AERO | 3300S | 05837W | 23 | | 1013.7 | 1016.2 | 14.3 | 3.3 | 13.0 | 2.0 | 4 | 20 | -35 | 1 | 170 | 125 |
| 87506 MALARGUE AERO | 3530S | 06935W | 1426 | | 856.6 | 1488 Y | 5.4 | 1.9 | 5.3 | .0 | 5 | 92 | 56 | 5 | 165 | |
| 87509 SAN RAFAEL AERO | 3435S | 06824W | 748 | | 929.0 | 1015.0 | 8.6 | 1.3 | 6.9 | .6 | 3 | 17 | 7 | 4 | 181 | |
| 87532 GENERAL PICO AERO | 3542S | 06345W | 145 | | 995.6 | 1015.1 | 9.9 | 1.6 | 8.9 | .4 | 2 | 8 | -13 | 1 | 94 | |
| 87534 LABOULAYE AERO | 3408S | 06322W | 137 | | 1000.2 | 1016.6 | 10.5 | 1.7 | 9.7 | 1.0 | 1 | 5 | -11 | 2 | 152 | 98 |
| 87544 PEHUAJO AERO | 3552S | 06154W | 87 | | 1005.7 | 1016.2 | 10.6 | 2.3 | 9.7 | .4 | 2 | 6 | -20 | 2 | 135 | |
| 87548 JUNIN AERO | 3433S | 06055W | 82 | | 1006.2 | 1016.0 | 11.9 | 3.0 | 10.7 | 1.1 | 2 | 23 | -12 | 3 | 131 | 89 |
| 87576 EZEIZA AERO | 3449S | 05832W | 20 | | 1014.3 | 1016.7 | 12.5 | 2.8 | 12.0 | 2.1 | 4 | 49 | -7 | 6 | 81 | 79 |
| 87623 SANTA ROSA AERO | 3634S | 06416W | 191 | | 992.9 | 1016.0 | 9.1 | 1.5 | 7.8 | -.3 | 2 | 4 | -14 | 3 | 147 | 101 |
| 87640 BOLIVAR AERO | 3612S | 06104W | 94 | | 1005.5 | 1016.9 | 10.3 | | 9.9 | | 2 | 21 | | | 122 | |
| 87641 AZUL AERO | 3650S | 05953W | 147 | | 998.7 | 1015.9 | 8.7 | | 9.1 | | 4 | 25 | | 2 | 105 | 80 |
| 87645 TANDIL AERO | 3714S | 05915W | 175 | | 994.9 | 1016.1 | 8.5 | | 8.9 | | 4 | 45 | | 3 | 110 | 85 |
| 87648 DOLORES AERO | 3621S | 05744W | 10 | | 1014.9 | 1015.9 | 10.6 | 2.4 | 11.1 | 1.5 | 4 | 64 | 4 | 3 | 89 | 78 |
| 87692 MAR DEL PLATA AERO | 3756S | 05735W | 21 | | 1013.5 | 1015.9 | 9.7 | 1.6 | 9.8 | .5 | 9 | 68 | 10 | 4 | 92 | |
| 87715 NEUQUEN AERO | 3857S | 06808W | 271 | | | 1015.8 | 8.4 | 2.8 | 7.1 | 1.0 | 3 | 37 | 23 | 5 | 149 | 112 |
| 87750 BAHIA BLANCA AERO | 3844S | 06210W | 83 | | 1005.0 | 1015.1 | 9.5 | 1.9 | 8.0 | .2 | 7 | 62 | 33 | 5 | 142 | 112 |
| 87765 BARILOCHE AERO | 4109S | 07110W | 845 | | 917.3 | 1452 Y | 2.8 | .7 | 6.3 | .2 | 19 | 233 | 105 | 5 | 110 | 94 |
| 87784 SAN ANTONIO OESTE AERO | 4047S | 06506W | 20 | | 1011.6 | 1014.0 | 8.9 | .6 | 6.8 | -.6 | 4 | 84 | 64 | 1 | 128 | 94 |
| 87791 VIEDMA AERO | 4051S | 06301W | 7 | | 1012.8 | 1013.6 | 8.6 | | 7.6 | | 6 | 119 | 5 | 137 | 100 | |
| 87803 ESQUEL AERO | 4256S | 07109W | 799 | | 916.8 | 1010.8 | 2.2 | .6 | 5.1 | -.3 | 16 | 144 | 71 | 5 | 107 | 30 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|--|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|--------|----------|----------|----------|-----|--|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DEPART | QUINTILE | TOTAL | % of AV. | | |
| 87828 TRELEW AERO 87852 PERITO MORENO AERO 87860 COMODORO RIVADAVIA AERO 87896 PUERTO DESEADO AERO 87904 EL CALAFATE AERO 87909 SAN JULIAN AERO 87925 RIO GALLEGOS AERO 87938 USHUAIA AERO | 4312S | 06516W | 43 | | 1006.6 | 1011.8 | 7.5 | 1.5 | 6.5 | .5 | 4 | 62 | 43 | 5 | 137 | 101 | |
| | 4631S | 07101W | 429 | | 957.4 | 1009.5 | 2.0 | | 5.6 | | 6 | 33 | | | 126 | 45 | |
| | 4547S | 06730W | 58 | | 1004.0 | 1009.6 | 7.0 | .6 | 5.9 | .2 | 4 | 23 | -5 | 3 | 138 | 121 | |
| | 4744S | 06555W | 81 | | 998.4 | 1008.3 | 4.5 | .9 | 6.9 | .7 | 3 | 21 | -6 | 3 | 92 | | |
| | 5016S | 07203W | 204 | | 982.3 | 1007.0 | -.4 | | 5.0 | | 5 | 40 | | | 89 | | |
| | 4919S | 06745W | 62 | | 1000.2 | 1007.9 | 2.8 | | 6.4 | | 6 | 38 | | | 97 | | |
| | 5137S | 06917W | 20 | | 1002.9 | 1005.3 | 1.6 | .7 | 5.4 | .0 | 7 | 37 | 18 | 5 | 120 | | |
| | 5448S | 06819W | 57 | | 995.5 | 1002.5 | 2.5 | 1.2 | 6.6 | 1.1 | 9 | 61 | 25 | 1 | 64 | | |
| ANTARCTICA | | | | | | | | | | | | | | | | | |
| ARGENTINA (ANTARCTIC) | | | | | | | | | | | | | | | | | |
| 88963 BASE ESPERANZA | 6324S | 05659W | 24 | | 989.1 | 992.8 | -7.2 | 3.6 | 3.3 | | 6 | 18 | -36 | 0 | 21 | | |
| 88968 BASE ORCADAS | 6044S | 04444W | 8 | | 994.2 | 995.7 | -6.2 | 3.2 | 3.8 | | 18 | 68 | 24 | 5 | 6 | | |
| 89034 BASE BELGRANO II | 7752S | 03437W | 256 | | 951.3 | 984.7 | -19.4 | | .8 | | 11 | 34 | | | 0 | | |
| 89053 BASE JUBANY | 6214S | 05838W | 11 | | | 993.5 | -4.1 | | 4.2 | | 7 | 17 | | | 3 | | |
| 89055 BASE MARAMBIO (CENTRO MET. A | 6414S | 05643W | 208 | | 966.8 | 991.8 | -10.9 | | 2.5 | | 1 | 13 | | | 11 | | |
| 89066 BASE SAN MARTIN | 6807S | 06708W | 7 | | | 990.7 | -9.8 | | 2.4 | | 9 | 26 | | | 0 | | |
| AUSTRALIA (ANTARCTIC) | | | | | | | | | | | | | | | | | |
| 89564 MAWSON | 6736S | 06252E | 16 | | 977.3 | 979.3 | -21.4 | | .5 | | | | | | | 45 | |
| 89571 DAVIS | 6835S | 07758E | 23 | | 974.1 | 977.2 | -20.2 | | .9 | | 2 | 5 | -1 | 3 | 4 | | |
| 89611 CASEY | 6617S | 11030E | 42 | | 969.5 | 974.9 | -12.4 | | 1.9 | | 6 | 15 | | | | | |
| CHILE (ANTARCTIC) | | | | | | | | | | | | | | | | | |
| 89056 CENTRO MET. ANTARTICO PDTE. | 6211S | 05859W | 48 | | 989.3 | 993.9 | | | 4.0 | .5 | 8 | 33 | | 1 | 4 | | |
| 89059 BASE BERNARDO O'HIGGINS | 6319S | 05641W | 10 | | 990.6 | 991.5 | -6.3 | 2.2 | 3.5 | .9 | 9 | 26 | -39 | 2 | 7 | | |
| CHINA (ANTARCTIC) | | | | | | | | | | | | | | | | | |
| 89058 GREAT WALL | 6213S | 05858W | 10 | | 992.8 | 994.3 | -4.4 | | 3.9 | | 7 | 20 | | | 0 | | |
| FRANCE (ANTARCTIC) | | | | | | | | | | | | | | | | | |
| 89642 DUMONT D'URVILLE | 6639S | 14000E | 43 | | 983.1 | 988.8 | -17.8 | | 1.2 | | | | | | | 24 | |
| GERMANY (ANTARCTIC) | | | | | | | | | | | | | | | | | |
| 89002 NEUMAYER | 7040S | 00815W | 50 | | 979.6 | 984.8 | -25.0 | | .7 | | | | | | | 0 | |
| UNITED KINGDOM (ANTARCTIC) | | | | | | | | | | | | | | | | | |
| 89022 HALLEY | 7535S | 02639W | 35 | | 979.1 | 982.3 | -24.7 | | .8 | | | | | | | 0 | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 89062 ROTHERA | 6734S | 06808W | 33 | 985.6 | 989.5 | -8.6 | | 2.8 | | | | | | | 10 | |
| 89065 FOSSIL BLUFF | 7120S | 06817W | 69 | 980.2 | 988.5 | -17.3 | | 1.4 | | | | | | | | |
| URUGUAY (ANTARCTIC) | 6211S | 05851W | 17 | 990.6 | 992.9 | -4.3 | | 4.1 | | | | 1 | 5 | | | 2 |
| 89054 DINAMET-URUGUAY | | | | | | | | | | | | | | | | |
| SW PACIFIC | | | | | | | | | | | | | | | | |
| MALAYSIA (PENIN. MALAYSIA) | | | | | | | | | | | | | | | | |
| 48601 PENANG/BAYAN LEPAS | 0518N | 10010E | 4 | 1009.4 | 1009.8 | 28.0 | 1.1 | 30.8 | .9 | 11 | 189 | -3 | 3 | | | |
| 48615 KOTA BHARU | 0610N | 10210E | 5 | 1008.9 | 1009.5 | 27.5 | .4 | 29.4 | .1 | 14 | 187 | 33 | 4 | | | |
| 48647 KUALA LUMPUR/SUBANG | 0307N | 10130E | 27 | 1007.4 | 1009.9 | 27.9 | 1.3 | 28.3 | -.4 | 10 | 141 | 12 | 4 | | | |
| 48657 KUANTAN | 0347N | 10310E | 16 | 1007.9 | 1009.7 | 27.7 | 1.4 | 31.0 | 1.9 | 13 | 119 | -53 | 2 | | | |
| 48665 MALACCA | 0216N | 10210E | 9 | 1008.9 | 1009.9 | 27.8 | 1.4 | 29.6 | .0 | 14 | 217 | 53 | 5 | | | |
| SINGAPORE | | | | | | | | | | | | | | | | |
| 48698 SINGAPORE/CHANGI AIRPORT | 0122N | 10350E | 16 | 1008.3 | 1010.2 | 28.4 | 1.3 | 32.3 | 2.5 | 11 | 154 | 9 | 3 | 213 | 114 | |
| USA (PACIFIC OCEAN NORTH) | | | | | | | | | | | | | | | | |
| 91165 LIHUE, KAUAI, HAWAII | 2159N | 15920W | 32 | | 1018.0 | 26.2 | .1 | 23.7 | | 7 | 96 | 42 | 5 | | | |
| 91182 HONOLULU, OAHU, HAWAII | 2121N | 15750W | 5 | | 1017.0 | 27.1 | .2 | 21.5 | | | 2 | -13 | 1 | | | |
| 91285 HILO/GEN. LYMAN, HAWAII, HAW | 1943N | 15500W | 11 | | 1017.2 | 24.6 | .3 | 23.2 | | 20 | 199 | -47 | 3 | | | |
| 91334 CHUUK, ECI | 0727N | 15150E | 4 | | 1009.4 | 27.5 | .1 | 31.5 | | 20 | 312 | -53 | 2 | | | |
| 91348 POHNPEI, CAROLINE IS. | 0658N | 15810E | 38 | | 1010.6 | 26.7 | -.2 | 31.3 | | 26 | 423 | -44 | 3 | | | |
| 91366 KWAJALEIN/BUCHOLZ AAF, MARSH | 0844N | 16740E | 8 | | 1010.0 | 28.2 | .5 | 31.5 | | 19 | 205 | -60 | 2 | | | |
| 91376 MAJURO/MARSHALL IS. INTNL. | 0705N | 17120E | 3 | | 1009.9 | 28.2 | 1.0 | 30.7 | | 22 | 258 | -72 | 2 | | | |
| 91408 KOROR, PALAU WCI. | 0720N | 13420E | 30 | | 1009.6 | 27.9 | .5 | 30.8 | | 21 | 465 | 7 | 4 | | | |
| 91413 YAP, CAROLINE IS. | 0929N | 13800E | 16 | | 1009.1 | 27.8 | .7 | 30.8 | | 18 | 337 | -32 | 3 | | | |
| NEW CALEDONIA | | | | | | | | | | | | | | | | |
| 91577 KOUMAC (NLLE-CALEDONIE) | 2034S | 16417E | 24 | | 1017.5 | 19.7 | -.3 | 15.6 | | | 4 | 6 | -47 | 6 | 186 | 89 |
| 91592 NOUMEA (NLLE-CALEDONIE) | 2217S | 16627E | 72 | 1010.1 | 1018.5 | 19.2 | -.5 | 15.5 | | | 9 | 43 | -30 | 2 | 157 | 86 |
| FIJI | | | | | | | | | | | | | | | | |
| 91650 ROTUMA | 1230S | 17700E | 26 | | 1012.3 | 26.4 | | 28.2 | | | 18 | 190 | | 2 | 202 | 100 |
| 91680 NADI AIRPORT | 1745S | 17720E | 18 | | 1014.1 | 21.8 | | 20.3 | | | 3 | 36 | -11 | 3 | 207 | 95 |
| 91683 NAUSORI | 1803S | 17830E | 7 | | 1014.7 | 21.5 | | 21.6 | | | 15 | 80 | | 2 | | |
| DETACHED ISLANDS | | | | | | | | | | | | | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 91753 HIHIFO (ILE WALLIS) | 1314S | 17611W | 27 | | 1008.4 | 1011.5 | 26.4 | | 28.4 | | 23 | 165 | | 3 | 127 | 60 |
| SAMOA AND AMERICAN SAMOA | | | | | | | | | | | | | | | | |
| 91765 PAGO PAGO/INT.AIRP. | 1420S | 17040W | 6 | | 1011.5 | 1011.8 | 26.8 | | 29.6 | | 17 | 210 | | 4 | | |
| FRENCH POLY. (MARQUESAS IS) | | | | | | | | | | | | | | | | |
| 91925 ATUONA | 0949S | 13902W | 53 | | 1006.8 | 1012.6 | 24.9 | | 25.7 | | 17 | 149 | 13 | 3 | 167 | 83 |
| FRENCH POLY. (SOCIETY IS) | | | | | | | | | | | | | | | | |
| 91929 BORA-BORA | 1627S | 15145W | 3 | | 1013.5 | 26.5 | | | 27.5 | | 16 | 151 | | 6 | | |
| 91938 TAHTI-FAAA | 1733S | 14937W | 2 | | 1014.0 | 25.7 | | | 25.9 | | 11 | 161 | 101 | 5 | 212 | 90 |
| FRENCH POLY. (TUAMOTU IS) | | | | | | | | | | | | | | | | |
| 91943 TAKAROA | 1429S | 14502W | 3 | | 1013.6 | 1013.9 | 27.0 | | 27.7 | | 14 | 119 | 29 | 4 | 249 | 100 |
| 91945 HEREHERETUE | 1954S | 14557W | 3 | | 1015.1 | 1015.4 | 24.9 | | 25.0 | | | | | | | |
| 91948 RIKITEA | 2308S | 13458W | 91 | | 1007.7 | 1018.0 | 21.5 | | 20.5 | | 9 | 102 | -65 | 2 | 150 | 98 |
| FRENCH POLY. (AUSTRAL IS) | | | | | | | | | | | | | | | | |
| 91954 TUBUAI | 2321S | 14929W | 3 | | 1015.1 | 1015.4 | 22.2 | | 22.3 | | 13 | 130 | -14 | 3 | 148 | 85 |
| 91958 RAPA | 2737S | 14420W | 2 | | 1016.1 | 1016.4 | 18.7 | | 18.2 | | 17 | 637 | | 6 | 83 | 65 |
| PAPUA NEW GUINEA | | | | | | | | | | | | | | | | |
| 92001 KIUNGA W.O. | 0605S | 14110E | 35 | | 1007.5 | 1011.5 | | | 26.9 | | 18 | 453 | | | 67 | |
| 92004 WEWAK W.O. | 0335S | 14340E | 6 | | | | | | 29.8 | | 16 | 206 | | | 187 | |
| 92014 MADANG W.O. | 0513S | 14540E | 5 | | 1009.3 | 1009.9 | | | 30.4 | | 13 | 355 | | | 166 | |
| 92076 KAVIENG W.O. | 0234S | 15040E | 4 | | 1009.5 | 1010.0 | | | 30.9 | | 25 | 493 | | | 57 | |
| 92087 MISIMA W.O. | 1041S | 15250E | 7 | | 1011.6 | 1012.4 | | | 28.7 | | 11 | 80 | | | 137 | |
| NEW ZEALAND | | | | | | | | | | | | | | | | |
| 93012 KAITIA | 3506S | 17310E | 54 | | | | 11.6 | | 11.7 | | 13 | 98 | -50 | 1 | 154 | 105 |
| 93292 GISBORNE AERODROME AWS | 3839S | 17750E | 5 | | 1016.9 | 10.4 | 1.2 | | 10.1 | | 12 | 125 | 7 | 3 | | |
| 93309 NEW PLYMOUTH AWS | 3901S | 17410E | 32 | | 1018.1 | 9.5 | | | 9.9 | | 14 | 105 | | 2 | | |
| 93417 PARAPARAUMU AERODROME | 4054S | 17450E | 12 | | 1017.8 | 9.4 | 1.0 | | 10.3 | | 11 | 170 | 62 | 5 | 133 | 110 |
| 93615 HOKITIKA AERODROME AWS | 4243S | 17050E | 45 | | 1018.2 | 7.5 | | | 8.2 | | 14 | 163 | | 3 | | |
| 93678 KAIKOURA | 4225S | 17340E | 105 | | 1017.0 | 8.5 | | | 7.3 | | 10 | 102 | | 4 | | |
| 93780 CHRISTCHURCH | 4329S | 17230E | 38 | | 1017.1 | 6.0 | | | 7.3 | | | | | | 137 | 110 |
| 93844 INVERCARGILL AERODROME | 4625S | 16810E | 4 | | 1015.7 | 5.9 | .6 | | 7.4 | | 15 | 92 | 16 | 4 | 96 | 115 |
| 93947 CAMPBELL ISLAND AWS | 5233S | 16900E | 19 | | 1004.8 | 4.8 | | | 7.5 | | 27 | 144 | | 5 | | |
| 93987 CHATHAM ISLANDS AWS | 4357S | 17630W | 49 | | 1015.7 | 9.4 | | | 10.3 | | 15 | 67 | | 2 | | |
| 93994 RAOUL ISLAND, KERMADEC IS. A | 2915S | 17750W | 49 | | 1016.6 | 15.5 | | | 13.3 | | 15 | 123 | | 3 | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| AUSTRALIA | | | | | | | | | | | | | | | | |
| 94120 DARWIN AIRPORT | 1225S | 13050E | 35 | | 1010.5 | 1014.5 | 23.4 | | 14.7 | | 0 | T | -1 | 1 | 319 | 102 |
| 94131 TINDAL RAAF | 1431S | 13220E | 135 | | 1000.1 | 1015.8 | 20.3 | | 12.0 | | 0 | 0 | | 5 | | |
| 94150 GOVE AIRPORT | 1217S | 13640E | 54 | | 1008.1 | 1014.3 | 23.0 | | 21.4 | | 5 | 22 | | 4 | 222 | 95 |
| 94170 WEIPA AERO | 1241S | 14150E | 19 | | 1011.8 | 1014.0 | 24.0 | | 21.3 | | 2 | 6 | | 5 | 239 | |
| 94203 BROOME AIRPORT | 1757S | 12210E | 17 | | 1015.4 | 1016.4 | 19.0 | | 9.8 | | 01 | 1 | -1 | 3 | 314 | |
| 94212 HALLS CREEK AIRPORT | 1814S | 12740E | 424 | | 968.4 | 1017.2 | 18.3 | | 6.9 | | 0 | 0 | -4 | 1 | | |
| 94238 TENNANT CREEK MET OFFICE | 1938S | 13410E | 377 | | 974.8 | 1018.6 | 16.9 | | 7.5 | | 2 | 10 | 4 | 5 | 320 | 101 |
| 94259 BURKETOWN POST OFFICE | 1745S | 13930E | 8 | | 1016.4 | 1017.2 | | | 12.0 | | 3 | 32 | | 5 | | |
| 94275 GEORGETOWN POST OFFICE | 1818S | 14330E | 295 | | 982.4 | 1016.4 | | | 13.8 | | 4 | 23 | | 5 | | |
| 94287 CAIRNS AERO | 1653S | 14540E | 8 | | 1016.2 | 1017.1 | 21.0 | | 18.4 | | 7 | 42 | 17 | 5 | 215 | 96 |
| 94294 TOWNSVILLE AERO | 1915S | 14640E | 9 | | 1017.4 | 1018.5 | 19.8 | | 15.6 | | 4 | 17 | 7 | 5 | 236 | 92 |
| 94299 WILLIS ISLAND | 1618S | 14950E | 9 | | 1014.8 | 1015.8 | 24.0 | | 23.0 | | | | | | | |
| 94300 CARNARVON AIRPORT | 2453S | 11340E | 8 | | 1019.9 | 1020.8 | 15.2 | | 8.4 | | 01 | 1 | -40 | 1 | | |
| 94302 LEARMONT AIRPORT | 2214S | 11400E | 6 | | 1018.9 | 1019.5 | 16.8 | | 9.1 | | 0 | 0 | -26 | 1 | | |
| 94312 PORT HEDLAND AIRPORT | 2022S | 11830E | 10 | | 1017.0 | 1018.0 | 17.7 | | 6.8 | | 0 | 0 | -8 | 1 | | |
| 94313 WITTENOOM | 2215S | 11820E | 464 | | 965.5 | 1019.1 | | | 8.8 | | 0 | 0 | | 2 | | |
| 94317 NEWMAN AERO | 2325S | 11940E | 526 | | 959.0 | 1019.9 | 12.9 | | 5.7 | | 0 | 0 | | 1 | | |
| 94326 ALICE SPRINGS AIRPORT | 2348S | 13350E | 547 | | 957.7 | 1022.0 | 12.1 | | 7.2 | | 2 | 29 | 13 | 5 | 272 | 95 |
| 94332 MOUNT ISA AERO | 2041S | 13920E | 342 | | 978.9 | 1018.7 | 16.0 | | 8.4 | | 1 | 2 | -7 | 4 | 299 | 100 |
| 94339 WINTON POST OFFICE | 2223S | 14300E | 184 | | 997.9 | 1019.6 | 15.8 | | 9.6 | | 3 | 9 | | 4 | | |
| 94340 RICHMOND POST OFFICE | 2044S | 14300E | 214 | | 993.2 | 1018.4 | | | 11.0 | | 3 | 40 | | 5 | | |
| 94346 LONGREACH AERO | 2326S | 14410E | 192 | | 997.0 | 1019.8 | 16.1 | | 9.3 | | 2 | 23 | 0 | 4 | | |
| 94367 MACKAY MO | 2107S | 14910E | 33 | | 1014.9 | 1019.3 | 18.1 | | 17.4 | | 6 | 37 | -11 | 3 | 214 | 90 |
| 94374 ROCKHAMPTON AERO | 2323S | 15020E | 14 | | 1018.1 | 1019.7 | 17.3 | | 14.0 | | 4 | 19 | -13 | 3 | | |
| 94380 GLADSTONE RADAR | 2351S | 15110E | 75 | | 1011.2 | 1020.1 | 18.3 | | 15.1 | | 6 | 44 | | 4 | | |
| 94403 GERALDTON AIRPORT | 2848S | 11440E | 37 | | 1018.3 | 1022.6 | 14.1 | | 10.1 | | 5 | 60 | -28 | 1 | | |
| 94430 MEEKATHARRA AIRPORT | 2637S | 11830E | 522 | | 961.2 | 1022.0 | 12.4 | | 6.0 | | 1 | 4 | -20 | 1 | | |
| 94461 GILES METEOROLOGICAL OFFICE | 2502S | 12810E | 599 | | 951.5 | 1021.3 | 12.9 | | 6.5 | | 3 | 53 | 46 | 5 | 262 | 93 |
| 94476 OODNADATTA AIRPORT | 2733S | 13520E | 118 | | 1008.3 | 1022.4 | 12.7 | | 7.3 | | 1 | 4 | | 4 | | |
| 94480 MARREE | 2939S | 13800E | 51 | | 1017.0 | 1023.2 | | | 9.2 | | 1 | 15 | | 4 | | |
| 94510 CHARLEVILLE AERO | 2625S | 14610E | 306 | | 985.5 | 1021.8 | 13.1 | | 9.6 | | 3 | 55 | 31 | 5 | | |
| 94517 ST GEORGE AIRPORT | 2803S | 14830E | 200 | | 998.1 | 1022.1 | 12.2 | | 9.2 | | 2 | 26 | | | | |
| 94568 AMBERLEY AMO | 2738S | 15240E | 31 | | | | 13.2 | | 10.2 | | 5 | 32 | -36 | 3 | | |
| 94570 TEWANTIN RSL PARK | 2623S | 15300E | 7 | | 1020.0 | 1020.8 | 16.1 | | 14.3 | | 10 | 120 | | | | |
| 94578 BRISBANE AERO | 2723S | 15300E | 10 | | 1020.0 | 1021.1 | 15.3 | | 12.2 | | 5 | 28 | -40 | 2 | 224 | 95 |
| 94589 YAMBA PILOT STATION | 2926S | 15320E | 30 | | 1017.3 | 1020.9 | | | 12.2 | | 10 | 122 | | 4 | | |
| 94601 CAPE LEEUWIN | 3422S | 11500E | 14 | | 1019.8 | 1021.5 | 14.3 | | 11.4 | | 18 | 199 | | 4 | | |
| 94602 ROTTNEST ISLAND | 3201S | 11530E | 43 | | 1016.9 | 1022.1 | 15.1 | | 11.5 | | 10 | 83 | | 1 | | |
| 94610 PERTH AIRPORT | 3156S | 11550E | 20 | | 1020.4 | 1022.9 | 12.2 | | 10.3 | | 12 | 80 | -78 | 1 | 218 | 130 |
| 94637 KALGOORLIE-BOULDER AIRPORT | 3047S | 12120E | 370 | | 979.4 | 1023.7 | 10.8 | | 7.4 | | 1 | 3 | -22 | 1 | | |
| 94638 ESPERANCE | 3350S | 12150E | 27 | | 1019.4 | 1022.7 | 11.8 | | 10.2 | | 10 | 73 | -28 | 2 | | |
| 94647 EUCLA | 3141S | 12850E | 102 | | 1010.7 | 1023.0 | | | 9.8 | | 8 | 82 | | 5 | | |
| 94653 CEDUNA AMO | 3208S | 13340E | 24 | | 1020.9 | 1022.8 | 11.0 | | 9.6 | | 9 | 48 | 8 | 4 | 177 | 88 |
| 94659 WOOMERA AERODROME | 3109S | 13640E | 168 | | 1002.6 | 1022.9 | 11.1 | | 8.4 | | 3 | 25 | 9 | 4 | 208 | 93 |
| 94672 ADELAIDE AIRPORT | 3457S | 13830E | 8 | | 1022.0 | 1023.0 | 11.0 | | 9.4 | | 7 | 24 | -42 | 1 | 144 | 95 |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. |
| 94681 NURIOOTPA VITICULTURAL | 3429S | 13900E | 276 | | 989.8 | 1023.3 | 8.6 | | 8.7 | | | 9 | 38 | -29 | 1 | | |
| 94693 MILDURA AIRPORT | 3414S | 14200E | 53 | | 1016.4 | 1022.9 | 9.7 | | 8.5 | | | 5 | 31 | 5 | 4 | 175 | |
| 94711 COBAR MO | 3129S | 14550E | 264 | | 990.8 | 1022.6 | 10.1 | | 9.0 | | | 3 | 35 | 6 | 4 | 223 | 106 |
| 94750 NOWRA RAN AIR STATION AWS | 3457S | 15030E | 122 | | 1008.9 | 1021.6 | 11.3 | | 9.6 | | | 11 | 81 | 33 | 1 | | |
| 94767 SYDNEY AIRPORT AMO | 3356S | 15110E | 6 | | 1021.1 | 1021.7 | 12.9 | | 10.4 | | | 13 | 135 | 81 | 5 | 183 | 88 |
| 94776 WILLIAMTOWN RAAF | 3248S | 15150E | 10 | | 1020.9 | 1022.0 | 11.7 | | 10.4 | | | 14 | 102 | 39 | 5 | 211 | 100 |
| 94791 COFFS HARBOUR MO | 3019S | 15300E | 6 | | 1020.2 | 1021.0 | 13.3 | | 11.5 | | | 10 | 70 | 8 | 4 | 216 | 98 |
| 94802 ALBANY AIRPORT | 3456S | 11740E | 71 | | 1013.3 | 1021.7 | 10.8 | | 10.2 | | | 14 | 129 | 7 | 4 | 176 | |
| 94805 CAPE BORDA | 3545S | 13630E | 144 | | 1005.1 | 1022.4 | 11.5 | | 10.6 | | | 15 | 57 | | 1 | | |
| 94812 ROBE | 3710S | 13940E | 4 | | 1022.1 | 1022.6 | | | 10.5 | | | 11 | 57 | | 1 | | |
| 94814 STRATHALBYN RACECOURSE | 3517S | 13850E | 58 | | 1015.6 | 1022.7 | 10.1 | | 9.3 | | | 8 | 45 | | 4 | | |
| 94821 MOUNT GAMBIER AERO | 3744S | 14040E | 69 | | 1013.9 | 1022.3 | 8.6 | | 9.4 | | | 16 | 88 | -15 | 3 | 130 | 98 |
| 94826 CAPE NELSON LIGHTHOUSE | 3826S | 14130E | 47 | | 1016.2 | 1021.8 | 10.8 | | 10.4 | | | 15 | 83 | | 4 | | |
| 94842 CAPE OTWAY LIGHTHOUSE | 3851S | 14330E | 83 | | 1011.7 | 1021.8 | 10.6 | | 9.7 | | | 14 | 81 | | 1 | | |
| 94865 LAVERTON RAAF | 3752S | 14440E | 20 | | 1020.0 | 1022.6 | 9.9 | | 9.8 | | | 7 | 28 | -15 | 2 | | |
| 94866 MELBOURNE AIRPORT | 3740S | 14450E | 132 | | 1007.9 | 1022.4 | 9.4 | | 9.3 | | | 6 | 39 | 1 | 3 | 116 | 80 |
| 94893 WILSONS PROMONTORY LIGHTHOUS | 3907S | 14620E | 97 | | 1009.0 | 1020.9 | 11.1 | | 10.4 | | | 9 | 77 | | 1 | | |
| 94907 EAST SALE AIRPORT | 3806S | 14700E | 8 | | 1021.0 | 1022.0 | 9.2 | | 9.3 | | | 7 | 30 | -13 | 3 | 135 | 85 |
| 94910 WAGGA WAGGA AMO | 3510S | 14720E | 221 | | 997.1 | 1023.2 | 8.4 | | 8.6 | | | 8 | 49 | -6 | 3 | 155 | 125 |
| 94926 CANBERRA AIRPORT | 3518S | 14910E | 580 | | 953.9 | 1023.5 | 6.8 | | 7.7 | | | 7 | 36 | -5 | 3 | 177 | 102 |
| 94937 MORUYA HEADS PILOT STATION | 3555S | 15000E | 17 | | 1019.6 | 1021.6 | | | 9.8 | | | 11 | 66 | | 5 | | |
| 94954 CAPE GRIM BAPS | 4040S | 14440E | 94 | | 1009.6 | 1020.8 | 9.8 | | 9.8 | | | 17 | 100 | | 3 | | |
| 94967 CAPE BRUNY LIGHTHOUSE | 4330S | 14700E | 55 | | 1012.1 | 1018.6 | 8.9 | | 9.9 | | | 18 | 70 | | 1 | | |
| 94968 LAUNCESTON AIRPORT COMPARISO | 4132S | 14710E | 178 | | | | 7.0 | | 8.5 | | | 10 | 64 | -11 | 3 | | |
| 94975 HOBART AIRPORT | 4250S | 14730E | 27 | | 1016.4 | 1019.8 | 8.3 | | 8.0 | | | 9 | 35 | -14 | 3 | 137 | 93 |
| 94983 EDDYSTONE POINT | 4100S | 14820E | 21 | | 1018.1 | 1020.6 | 10.2 | | 10.3 | | | 14 | 91 | | 3 | | |
| AUSTRALIA (ADDITIONAL IS.) | | | | | | | | | | | | | | | | | |
| 94995 LORD HOWE ISLAND AERO | 3132S | 15900E | 7 | | 1020.3 | 1021.1 | 16.7 | | 13.1 | | | 16 | 103 | -52 | 2 | | |
| 94996 NORFOLK ISLAND AERO | 2902S | 16750E | 117 | | 1006.6 | 1020.5 | 15.3 | | 12.3 | | | 15 | 113 | -10 | 3 | 178 | 98 |
| 94998 MACQUARIE ISLAND | 5430S | 15850E | 8 | | 1000.4 | 1001.4 | 3.1 | | 6.6 | | | 20 | 106 | 37 | 5 | 27 | 113 |
| AUSTRALIA | | | | | | | | | | | | | | | | | |
| 95322 RABBIT FLAT | 2011S | 13000E | 340 | | 979.0 | 1019.0 | 14.9 | | 7.4 | | | 1 | 1 | | | | |
| 95527 MOREE AERO | 2929S | 14950E | 218 | | 996.0 | 1022.3 | 10.8 | | 8.8 | | | 5 | 56 | | 4 | 246 | 110 |
| 95646 FORREST | 3050S | 12800E | 160 | | 1004.2 | 1023.6 | 10.9 | | 8.8 | | | 4 | 25 | | | | |
| 95670 RAYVILLE PARK | 3347S | 13810E | 109 | | | | 9.1 | | 9.2 | | | 9 | 48 | | 5 | | |
| 95719 DUBBO AIRPORT AWS | 3213S | 14830E | 285 | | 988.6 | 1023.1 | 9.0 | | 8.8 | | | 6 | 39 | | | | |
| 95753 RICHMOND RAAF | 3336S | 15040E | 21 | | 1019.5 | 1022.0 | 9.8 | | 8.9 | | | 6 | 31 | | | | |
| 95869 DENILIQUIN AIRPORT AWS | 3534S | 14450E | 96 | | 1011.1 | 1022.7 | 9.1 | | 9.2 | | | 6 | 36 | | 3 | | |
| 95916 CABRAMURRA SMHEA | 3556S | 14820E | 1483 | | | | 1.5 | | 6.1 | | | 13 | 69 | | | | |
| 95964 LOW HEAD | 4103S | 14640E | 4 | | 1020.3 | 1020.7 | 9.8 | | 9.7 | | | 8 | 38 | | | | |
| INDONESIA | | | | | | | | | | | | | | | | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | | | |
|-------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-----------|-------|----------|----------|-------|----------|--|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DAYS 1 MM | TOTAL | DEPART | QUINTILE | TOTAL | % of AV. | |
| 96001 SABANG/CUT BAU | 0552N | 09519E | 126 | | 995.9 | 1010.3 | 27.6 | | 30.9 | | | 9 | 51 | | | 155 | | |
| 96035 MEDAN/POLONIA | 0334N | 09841E | 25 | | 1009.6 | 1012.8 | 27.8 | | 28.9 | | | 9 | 109 | | | 3 | 145 | |
| 96073 SIBOLGA/PINANGSORI | 0133N | 09853E | 3 | | 1009.7 | 1010.4 | 26.1 | | 27.6 | | | 16 | 228 | | | 2 | 166 | |
| 96109 PEKAN BARU/SIMPANGTIGA | 0028N | 10120E | 31 | | 1005.5 | 1009.4 | 27.8 | | 29.6 | | | 6 | 75 | | | 4 | 162 | |
| 96171 RENGAT/JAPURA | 0020S | 10210E | 46 | | 1007.2 | 1009.6 | 27.0 | | 29.4 | | | 6 | 99 | | | 2 | 150 | |
| BRUNEI DARUSSALAM | | | | | | | | | | | | | | | | | 120 | |
| 96315 BRUNEI AIRPORT | 0456N | 11450E | 22 | | 1008.6 | 1010.5 | 28.3 | | 30.1 | .5 | | 6 | 18 | -201 | 1 | 231 | 104 | |
| MALAYSIA (SABAH AND SARAWAK) | | | | | | | | | | | | | | | | | | |
| 96413 KUCHING | 0129N | 11020E | 27 | | 1007.3 | 1009.9 | 27.5 | | 29.7 | | | 10 | 166 | | | 3 | | |
| 96421 SIBU | 0220N | 11150E | 31 | | 1006.6 | 1010.1 | 27.4 | | 29.6 | | | 9 | 140 | | | 2 | | |
| 96441 BINTULU | 0312N | 11300E | 5 | | 1007.0 | 1009.7 | 27.3 | .6 | 29.6 | | | 15 | 116 | -138 | 1 | | | |
| 96449 MIRI | 0420N | 11350E | 18 | | 1007.7 | 1009.6 | 27.7 | .8 | 29.0 | | | 13 | 260 | 54 | | 4 | | |
| 96465 LABUAN | 0518N | 11510E | 30 | | 1006.3 | 1009.6 | 28.7 | | 30.1 | | .0 | 12 | 184 | | | 2 | | |
| 96471 KOTA KINABALU | 0556N | 11600E | 3 | | 1009.8 | 1010.1 | 28.1 | | 30.0 | | | 11 | 271 | | | 4 | | |
| 96481 TAWAU | 0416N | 11750E | 20 | | 1008.1 | 1010.0 | 26.8 | | 30.1 | | | 17 | 157 | -50 | 2 | | | |
| 96491 SANDAKAN | 0554N | 11800E | 13 | | 1008.5 | 1009.6 | 27.6 | .5 | 29.7 | | | 22 | 564 | | | 6 | | |
| INDONESIA | | | | | | | | | | | | | | | | | | |
| 96509 TARAKAN/JUWATA | 0320N | 11730E | 6 | | 1009.3 | 1010.3 | 27.5 | | 30.7 | | | 20 | 409 | | | 164 | | |
| 96633 BALIKPAPAN/SEPINGGAN | 0116S | 11650E | 3 | | 1009.5 | 1010.3 | 27.8 | | 30.7 | | | 11 | 81 | | 1 | 138 | 100 | |
| 96739 CURUG/BUDIARTO | 0614S | 10630E | 46 | | 1006.3 | 1011.2 | 26.4 | | 26.1 | | | | | | | 181 | 95 | |
| 96745 JAKARTA/OBSERVATORY | 0611S | 10650E | 8 | | | 1011.2 | 28.9 | | 27.4 | | | 4 | 53 | | 3 | 212 | 120 | |
| 96749 JAKARTA/SOEKARNO-HATTA | 0607S | 10630E | 8 | | | 1011.3 | 27.1 | | 28.8 | | | 2 | 5 | | | 100 | | |
| 96805 CILACAP | 0744S | 10900E | 6 | | 1011.8 | 1012.8 | 25.3 | | 26.7 | | | 4 | 57 | | | 263 | 115 | |
| ISLANDS | | | | | | | | | | | | | | | | | | |
| 96995 CHRISTMAS ISLAND AERO | 1027S | 10540E | 279 | | 983.7 | 1013.4 | 23.3 | | 23.8 | | | 7 | 25 | | 1 | | | |
| 96996 COCOS ISLAND AERO | 1211S | 09650E | 4 | | | 1012.8 | 1013.2 | 26.2 | | 25.9 | | | 17 | 171 | -26 | 3 | | |
| INDONESIA | | | | | | | | | | | | | | | | | | |
| 97048 GORONTALO/JALALUDDIN | 0031N | 12300E | 2 | | 1008.5 | 1010.9 | 26.6 | | 26.6 | | | 1 | 32 | | | 281 | 80 | |
| 97180 UJUNG PANDANG/HASANUDDIN | 0504S | 11930E | 14 | | 1009.4 | 1011.3 | 26.6 | | 25.4 | | | 1 | 2 | | 2 | 280 | 80 | |
| 97230 DENPASAR/NGURAH RAI | 0845S | 11510E | 1 | | 1012.3 | 1013.0 | 25.6 | | 25.3 | | | 1 | 2 | | | 230 | | |
| 97260 SUMBAWA BESAR/BRANGBIJI | 0826S | 11720E | 3 | | 1010.8 | 1011.5 | 25.3 | | 22.8 | | | 0 | 0 | | | 287 | 125 | |
| 97372 KUPANG/ELTARI | 1010S | 12340E | 108 | | | 1012.2 | 26.0 | | 22.8 | | | 2 | 8 | | | 183 | 80 | |
| 97900 SAUMLAKI/OLILIT | 0759S | 13110E | 24 | | 1010.8 | 1013.8 | 25.7 | | 26.3 | | | 7 | 97 | | | 202 | 110 | |
| 97980 MERAUKE/MOPAH | 0828S | 14020E | 3 | | | 1011.6 | 25.1 | | 25.7 | | | 8 | 127 | | 6 | 140 | 85 | |
| PHILIPPINES | | | | | | | | | | | | | | | | | | |
| 98223 LAOAG | 1811N | 12030E | 5 | | 1006.4 | 1007.0 | 27.6 | | 31.7 | | | 18 | 885 | | | 149 | | |

SURFACE

JULY 2006

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | |
|----------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|--------|----------|----------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DEPART | QUINTILE | TOTAL | % OF AV. |
| 98232 APARRI | 1822N | 12130E | 3 | | 1006.1 | 1006.5 | 29.0 | .3 | 25.2 | | 9 | 302 | 39 | | |
| 98233 TUGUEGARAO | 1737N | 12140E | 62 | | 999.1 | 1006.2 | 28.7 | | 28.4 | | 21 | 269 | | | 146 |
| 98325 DAGUPAN | 1603N | 12020E | 2 | | 1006.0 | 1006.3 | 27.0 | -1.1 | 31.7 | .6 | 28 | 793 | 286 | | |
| 98328 BAGUIO | 1625N | 12030E | 1501 | | | 1008.9 | 29.7 | | 33.6 | | 9 | 117 | | | |
| 98330 CABANATUAN | 1529N | 12050E | 32 | | 1004.6 | 1007.8 | 27.8 | | 33.6 | | 23 | 550 | | | |
| 98430 SCIENCE GARDEN | 1438N | 12100E | 46 | | 1003.4 | 1008.3 | 27.5 | | 29.8 | | 24 | 663 | | | |
| 98444 LEGASPI | 1308N | 12340E | 17 | | 1007.7 | 1009.6 | 28.1 | .3 | 31.6 | .9 | 21 | 141 | -125 | | |
| 98550 TACLOBAN | 1115N | 12500E | 3 | | 1006.9 | 1007.2 | 28.0 | .2 | 31.7 | 1.8 | 10 | 187 | 20 | | |
| 98637 ILOILO | 1042N | 12230E | 8 | | 1009.2 | 1009.9 | 27.2 | -.4 | 29.8 | -1.3 | 18 | 402 | 89 | | 144 |
| 98646 MACTAN | 1018N | 12350E | 24 | | 1007.7 | 1010.5 | 28.3 | .0 | 23.5 | | 7 | 50 | -107 | | 137 |
| 98653 SURIGAO | 0948N | 12530E | 55 | | 1004.4 | 1008.9 | 29.7 | 1.9 | 33.6 | 3.2 | 9 | 117 | -20 | | |
| 98755 HINATUAN | 0822N | 12620E | 3 | | 1008.6 | 1009.0 | 28.3 | | 31.7 | | 18 | 206 | | | |
| 98836 ZAMBOANGA | 0654N | 12200E | 6 | | 1009.4 | 1010.2 | 28.4 | 1.0 | 31.6 | 2.0 | 3 | 15 | -121 | | 210 |

SURFACE LATE REPORTS

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | |
|-----------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|--------|----------|----------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DEPART | QUINTILE | TOTAL | % OF AV. |
| MAY 2006 | | | | | | | | | | | | | | | |
| ASIA | | | | | | | | | | | | | | | |
| INDIA | | | | | | | | | | | | | | | |
| 42147 MUKTESHWAR KUMAON | 2928N | 07939E | 2311 | | | | | | | | | | | | |
| 42475 ALLAHABAD/BAMHRAULI | 2527N | 08144E | 98 | | 990.3 | 1001.0 | 18.4 | .7 | 13.8 | | 9 | 68 | -2 | 4 | 236 |
| 42515 CHERRAPUNJI | 2515N | 09144E | 1313 | | 867.6 | 1472 Y | 33.3 | -.7 | 24.3 | | 2 | 6 | -6 | 4 | 81 |
| 42587 DALTONGANJ | 2403N | 08404E | 221 | | 976.6 | 1001.7 | 20.2 | .9 | 19.8 | | 20 | 2120 | 906 | 5 | |
| | | | | | | | 33.9 | .8 | 26.9 | | 5 | 83 | 49 | 5 | |
| AFRICA | | | | | | | | | | | | | | | |
| KENYA | | | | | | | | | | | | | | | |
| 63619 MOYALE | 0332N | 03902E | 1097 | | | | | | | | | | | | |
| 63686 ELDORET | 0032N | 03517E | 2133 | | 790.8 | 1551 Y | 22.4 | | 22.0 | | 12 | 61 | | | 209 |
| 63740 NAIROBI/KENYATTA AIRPORT | 0119S | 03655E | 1624 | | 840.2 | 1497 Y | 16.7 | | 13.9 | | 10 | 77 | | | 266 |
| | | | | | | 1519 Y | 21.0 | | 17.4 | | 6 | 98 | | | 188 |
| KENYA | | | | | | | | | | | | | | | |
| 63799 MALINDI | 0314S | 04006E | 23 | | 1012.8 | 1015.0 | 26.4 | | 28.7 | | 15 | 220 | | | 245 |
| SW PACIFIC | | | | | | | | | | | | | | | |
| MALAYSIA (PENIN. MALAYSIA) | | | | | | | | | | | | | | | |
| 48674 MERSING | 0227N | 10350E | 45 | | 1004.6 | 1009.5 | 27.4 | .7 | 30.5 | | .3 | 13 | 138 | -7 | 3 |
| JUNE 2006 | | | | | | | | | | | | | | | |
| ASIA | | | | | | | | | | | | | | | |
| INDIA | | | | | | | | | | | | | | | |
| 42071 AMRITSAR | 3138N | 07452E | 234 | | 973.7 | 999.3 | 31.2 | -.9 | 21.3 | | 8 | 84 | 22 | 4 | 260 |
| | | | | | | | | | | | | | | | 97 |

SURFACE LATE REPORTS

| STATION | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE | | TEMPERATURE | | VAPOR PRESSURE | | PRECIPITATION | | | SUNSHINE | | |
|---|-------------------------|----------------------------|----------------------|-----------|-------------------------|----------------------------|--------------|-------------|----------------------|--------|---------------|--------------|-----------|----------|-------------------|----------|
| | | | | | MEAN STATION | MEAN SEA LEVEL | MEAN | DEPART | MEAN | DEPART | DEPART | DEPART | QUINTILE | TOTAL | % of AV. | |
| 42182 NEW DELHI/SAFDARJUNG 42475 ALLAHABAD/BAMHRAULI | 2835N 2527N | 07712E 08144E | 216 98 | | 975.6 988.6 | 999.3 999.3 | 31.2 33.5 | -2.2 -.1 | 24.8 25.5 | | 9 4 | 124 18 | 54 -95 | 5 1 | 160 181 | 82 88 |
| AFRICA | | | | | | | | | | | | | | | | |
| KENYA | | | | | | | | | | | | | | | | |
| 63619 MOYALE 63686 ELDORET 63740 NAIROBI/KENYATTA AIRPORT | 0332N 0032N 0119S | 03902E 03517E 03655E | 1097 2133 1624 | | 894.7 791.4 841.2 | 1555 Y 1507 Y 1528 Y | 22.1 20.1 | | 17.1 13.7 14.4 | | 1 11 0 | 2 64 0 | | | 202 259 197 | |
| KENYA | | | | | | | | | | | | | | | | |
| 63799 MALINDI SW PACIFIC | 0314S | 04006E | 23 | | 1012.2 | 1015.0 | 25.5 | | | | 18 | 225 | | | 7 | |
| MALAYSIA (PENIN. MALAYSIA) | | | | | | | | | | | | | | | | |
| 48674 MERSING | 0227N | 10350E | 45 | | 1004.4 | 1009.4 | 26.5 | .2 | 30.5 | .9 | 17 | 205 | 64 | 5 | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | | | | | | |
|-------------------------|----------|--------------|--------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - NORWAY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAN MAYEN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01001 | JUL 2006 | 7056N | 00840W | OB 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24537 | 0 | -42.6 | 35.9 | 0 | 83 | 106 | 4 | 030 | 24549 | 6 | -42.9 | 35.9 | 7 | 77 | 87 | 4 | 030 | 24495 | 0 | -44.8 | 35.4 | 0 | 87 | 84 | 4 | |
| 050 | 21107 | 0 | -44.5 | 35.2 | 0 | 60 | 142 | 2 | 050 | 21117 | 0 | -44.1 | 35.6 | 0 | 41 | 100 | 2 | 050 | 21098 | 0 | -46.6 | 34.6 | 0 | 55 | 79 | 2 | |
| 100 | 16473 | 0 | -44.8 | 35.1 | 0 | 73 | 223 | 4 | 100 | 16475 | 0 | -44.4 | 35.4 | 0 | 59 | 258 | 3 | 100 | 16513 | 0 | -46.9 | 34.3 | 0 | 68 | 269 | 5 | |
| 150 | 13758 | 0 | -43.9 | 35.1 | 0 | 65 | 231 | 5 | 150 | 13753 | 0 | -42.8 | 35.8 | 0 | 61 | 268 | 5 | 150 | 13823 | 0 | -45.8 | 34.4 | 0 | 77 | 266 | 9 | |
| 200 | 11826 | 0 | -44.7 | 30.8 | 0 | 46 | 229 | 5 | 200 | 11811 | 0 | -43.0 | 33.6 | 0 | 57 | 274 | 7 | 200 | 11910 | 0 | -47.2 | 28.4 | 0 | 75 | 265 | 12 | |
| 300 | 9135 | 0 | -44.6 | 12.5 | 0 | 29 | 234 | 5 | 300 | 9108 | 0 | -45.5 | 11.8 | 0 | 52 | 272 | 12 | 300 | 9247 | 0 | -44.5 | 9.1 | 0 | 66 | 265 | 15 | |
| 500 | 5540 | 0 | -19.6 | 11.7 | 0 | 40 | 226 | 4 | 500 | 5528 | 0 | -20.8 | 10.0 | 0 | 60 | 277 | 9 | 500 | 5635 | 0 | -18.6 | 11.3 | 0 | 73 | 264 | 11 | |
| 700 | 2961 | 0 | -4.1 | 9.3 | 0 | 45 | 218 | 4 | 700 | 2961 | 0 | -5.1 | 9.6 | 0 | 63 | 274 | 7 | 700 | 3046 | 0 | -3.1 | 8.8 | 0 | 77 | 259 | 8 | |
| 850 | 1408 | 0 | 3.2 | 5.2 | 0 | 38 | 219 | 3 | 850 | 1414 | 0 | 2.1 | 5.4 | 0 | 55 | 274 | 5 | 850 | 1484 | 0 | 5.2 | 5.9 | 0 | 84 | 245 | 7 | |
| 1009 | * 9 | | 5.4 | 1.3 | | | | | 1009 | * 18 | | 6.8 | 2.3 | | | | | 1013 | * 33 | | 12.7 | 3.9 | | | | | |
| EUROPE - NORWAY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BJORNOYA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01028 | JUL 2006 | 7431N | 01901E | OB 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24549 | 6 | -42.9 | 35.9 | 7 | 77 | 87 | 4 | 030 | 24495 | 0 | -44.8 | 35.4 | 0 | 87 | 84 | 4 | 030 | 24466 | 28 | -46.4 | 34.8 | 9 | 90 | 77 | 4 | |
| 050 | 21117 | 0 | -44.1 | 35.6 | 0 | 41 | 100 | 2 | 050 | 21098 | 0 | -46.6 | 34.6 | 0 | 67 | 43 | 2 | 050 | 21091 | 21 | -48.4 | 34.1 | 9 | 75 | 289 | 6 | |
| 100 | 16475 | 0 | -44.4 | 35.4 | 0 | 59 | 258 | 3 | 100 | 16513 | 0 | -46.9 | 34.3 | 0 | 83 | 281 | 10 | 100 | 16546 | 1 | -49.6 | 33.9 | 2 | 83 | 281 | 10 | |
| 150 | 13753 | 0 | -42.8 | 35.8 | 0 | 61 | 268 | 5 | 150 | 13886 | 1 | -48.6 | 34.2 | 1 | 80 | 278 | 15 | 150 | 13886 | 1 | -51.0 | 24.2 | 2 | 80 | 278 | 15 | |
| 200 | 11811 | 0 | -43.0 | 33.6 | 0 | 57 | 274 | 7 | 200 | 11998 | 1 | -51.0 | 24.2 | 1 | 74 | 273 | 10 | 200 | 11998 | 1 | -51.0 | 24.2 | 2 | 74 | 273 | 10 | |
| 300 | 9108 | 0 | -45.5 | 11.8 | 0 | 52 | 272 | 12 | 300 | 9354 | 0 | -43.0 | 9.4 | 0 | 71 | 275 | 16 | 300 | 9354 | 0 | -43.0 | 9.4 | 2 | 71 | 275 | 16 | |
| 500 | 5528 | 0 | -20.8 | 10.0 | 0 | 60 | 277 | 9 | 500 | 5708 | 0 | -16.5 | 11.0 | 0 | 74 | 273 | 7 | 500 | 5708 | 0 | -16.5 | 11.0 | 2 | 74 | 273 | 7 | |
| 700 | 2961 | 0 | -5.1 | 9.6 | 0 | 63 | 274 | 7 | 700 | 3094 | 0 | -7 | 8.4 | 0 | 73 | 273 | 7 | 700 | 3094 | 0 | -7 | 8.4 | 3 | 73 | 273 | 7 | |
| 850 | 1414 | 0 | 2.1 | 5.4 | 0 | 55 | 274 | 5 | 850 | 1514 | 0 | 8.6 | 7.8 | 0 | 69 | 271 | 5 | 850 | 1514 | 0 | 8.6 | 7.8 | 3 | 69 | 271 | 5 | |
| 1009 | * 18 | | 6.8 | 2.3 | | | | | 1015 | * 37 | | 17.6 | 4.1 | | | | | 1017 | * 8 | | 16.6 | 6.6 | | | | | |
| EUROPE - NORWAY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ORKLAND III | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01241 | JUL 2006 | 6342N | 00936E | OB 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24475 | 2 | -45.7 | 35.0 | 3 | 88 | 94 | 5 | 030 | 24442 | 2 | -46.9 | 34.5 | 2 | 95 | 85 | 7 | 030 | 24466 | 28 | -46.4 | 34.8 | 9 | 90 | 77 | 4 | |
| 050 | 21094 | 1 | -48.1 | 34.3 | 2 | 51 | 83 | 2 | 050 | 21084 | 1 | -50.0 | 33.6 | 1 | 53 | 84 | 2 | 050 | 21091 | 21 | -48.4 | 34.1 | 9 | 67 | 43 | 2 | |
| 100 | 16538 | 1 | -48.6 | 34.1 | 2 | 79 | 262 | 6 | 100 | 16572 | 1 | -51.0 | 33.3 | 1 | 78 | 246 | 6 | 100 | 16546 | 1 | -49.6 | 33.9 | 2 | 75 | 289 | 6 | |
| 150 | 13867 | 1 | -47.7 | 34.4 | 2 | 83 | 258 | 11 | 150 | 13930 | 1 | -50.0 | 32.6 | 1 | 87 | 250 | 11 | 150 | 13886 | 1 | -48.6 | 34.2 | 2 | 80 | 281 | 10 | |
| 200 | 11970 | 1 | -49.8 | 25.1 | 2 | 81 | 260 | 15 | 200 | 12061 | 1 | -53.7 | 17.4 | 1 | 84 | 249 | 16 | 200 | 11998 | 1 | -51.0 | 24.2 | 2 | 80 | 278 | 15 | |
| 300 | 9318 | 1 | -43.5 | 8.7 | 2 | 77 | 261 | 18 | 300 | 9416 | 0 | -41.6 | 9.6 | 0 | 79 | 240 | 18 | 300 | 9354 | 0 | -43.0 | 9.4 | 2 | 71 | 275 | 16 | |
| 500 | 5683 | 1 | -16.9 | 9.5 | 1 | 79 | 254 | 12 | 500 | 5748 | 0 | -14.6 | 13.2 | 0 | 81 | 239 | 11 | 500 | 5708 | 0 | -16.5 | 11.0 | 2 | 74 | 273 | 10 | |
| 700 | 3078 | 1 | -1.1 | 7.9 | 1 | 78 | 253 | 8 | 700 | 3119 | 0 | 1.6 | 12.5 | 0 | 74 | 234 | 7 | 700 | 3094 | 0 | -7 | 8.4 | 3 | 73 | 273 | 7 | |
| 850 | 1504 | 1 | 7.5 | 5.2 | 1 | 77 | 247 | 6 | 850 | 1529 | 0 | 10.0 | 7.7 | 0 | 54 | 223 | 4 | 850 | 1514 | 0 | 8.6 | 7.8 | 3 | 69 | 271 | 5 | |
| 1016 | * 10 | | 14.6 | 3.8 | | | | | 1015 | * 37 | | 17.6 | 4.1 | | | | | 1017 | * 8 | | 16.6 | 6.6 | | | | | |
| EUROPE - FINLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JYVASKYLA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02935 | JUL 2006 | 6224N | 02541E | OB 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24446 | 14 | -46.5 | 34.7 | 9 | 78 | 102 | 4 | 030 | 24451 | 0 | -46.4 | 34.8 | 0 | 92 | 90 | 5 | 030 | 24466 | 28 | -46.4 | 34.8 | 0 | 55 | 122 | 2 | |
| 050 | 21068 | 0 | -49.1 | 34.0 | 1 | 64 | 90 | 3 | 050 | 21082 | 0 | -49.1 | 34.0 | 1 | 86 | 230 | 7 | 050 | 21091 | 21 | -48.4 | 34.1 | 0 | 86 | 235 | 11 | |
| 100 | 16537 | 0 | -50.2 | 33.6 | 1 | 72 | 303 | 5 | 100 | 16546 | 0 | -49.6 | 33.8 | 0 | 86 | 235 | 11 | 100 | 16546 | 0 | -49.6 | 33.8 | 0 | 86 | 235 | 11 | |
| 150 | 13887 | 0 | -49.2 | 33.9 | 1 | 81 | 294 | 10 | 150 | 13886 | 0 | -48.3 | 34.2 | 0 | 86 | 235 | 11 | 150 | 13886 | 0 | -48.3 | 34.2 | 0 | 86 | 235 | 11 | |
| 200 | 12004 | 0 | -51.5 | 22.6 | 1 | 80 | 292 | 14 | 200 | 11996 | 0 | -50.2 | 24.6 | 0 | 86 | 238 | 16 | 200 | 11996 | 0 | -50.2 | 24.6 | 0 | 86 | 238 | 16 | |
| 300 | 9321 | 0 | -43.4 | 10.7 | 0 | 56 | 296 | 12 | 300 | 9357 | 0 | -43.1 | 9.8 | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - IRELAND VALENTIA OBSERVATORY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03953 JUL 2006 5156N 01015W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24377 | 0 | -48.2 | 34.2 | 0 | 92 | 96 | 6 | 030 | 24464 | 1 | -44.8 | 35.0 | 1 | 88 | 96 | 5 | 030 | 24417 | 1 | -44.8 | 34.3 | 1 | 89 | 96 | 5 | |
| 050 | 21042 | 0 | -51.7 | 33.0 | 0 | 70 | 117 | 3 | 050 | 21063 | 0 | -46.7 | 34.3 | 0 | 70 | 156 | 3 | 050 | 21020 | 1 | -46.7 | 33.8 | 1 | 64 | 132 | 3 | |
| 100 | 16564 | 0 | -52.3 | 32.9 | 0 | 81 | 221 | 6 | 100 | 16462 | 0 | -46.0 | 34.6 | 0 | 68 | 201 | 4 | 100 | 16438 | 1 | -47.3 | 33.7 | 1 | 62 | 259 | 4 | |
| 150 | 13939 | 0 | -51.4 | 32.0 | 0 | 81 | 232 | 11 | 150 | 13757 | 0 | -44.1 | 35.3 | 0 | 60 | 223 | 5 | 150 | 13754 | 1 | -46.7 | 33.3 | 1 | 69 | 261 | 7 | |
| 200 | 12076 | 0 | -53.3 | 19.9 | 0 | 71 | 237 | 15 | 200 | 11824 | 0 | -43.6 | 33.9 | 0 | 42 | 230 | 5 | 200 | 11848 | 1 | -47.5 | 26.9 | 1 | 54 | 262 | 8 | |
| 300 | 9420 | 0 | -40.9 | 9.7 | 0 | 70 | 234 | 16 | 300 | 9121 | 0 | -44.1 | 14.1 | 0 | 25 | 241 | 5 | 300 | 9177 | 1 | -43.8 | 10.1 | 1 | 31 | 269 | 6 | |
| 500 | 5740 | 0 | -13.5 | 13.7 | 0 | 81 | 231 | 13 | 500 | 5526 | 0 | -19.9 | 11.7 | 0 | 22 | 224 | 3 | 500 | 5553 | 1 | -17.9 | 14.5 | 1 | 26 | 281 | 3 | |
| 700 | 3101 | 0 | 2.3 | 13.0 | 0 | 79 | 231 | 9 | 700 | 2950 | 0 | -4.5 | 9.3 | 0 | 24 | 172 | 3 | 700 | 2963 | 0 | -3.3 | 11.3 | 0 | 7 | 326 | 1 | |
| 850 | 1510 | 0 | 9.2 | 7.8 | 0 | 72 | 224 | 7 | 850 | 1399 | 0 | 2.6 | 4.0 | 0 | 38 | 152 | 3 | 850 | 1406 | 0 | 4.3 | 7.8 | 0 | 43 | 96 | 2 | |
| 1014 | * 30 | | 16.5 | 3.0 | | | | | 1004 | * 54 | | 10.7 | 3.4 | | | | | 1008 | * 5 | | 11.0 | 4.9 | | | | | |
| EUROPE - GREENLAND DANMARKSHAVN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04320 JUL 2006 7646N 01840W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24543 | 0 | -42.0 | 33.4 | 0 | 83 | 120 | 4 | 030 | 24509 | 0 | -42.9 | 35.9 | 0 | 83 | 102 | 5 | 030 | 24483 | 0 | -45.7 | 33.7 | 1 | 91 | 102 | 5 | |
| 050 | 21101 | 0 | -43.4 | 33.0 | 0 | 77 | 129 | 3 | 050 | 21082 | 0 | -44.6 | 35.4 | 0 | 69 | 129 | 3 | 050 | 21099 | 0 | -47.8 | 33.1 | 1 | 62 | 130 | 3 | |
| 100 | 16446 | 0 | -43.9 | 32.9 | 0 | 44 | 212 | 2 | 100 | 16449 | 0 | -44.9 | 35.3 | 0 | 62 | 202 | 3 | 100 | 16533 | 0 | -47.9 | 33.0 | 1 | 82 | 217 | 7 | |
| 150 | 13720 | 0 | -42.9 | 33.1 | 0 | 53 | 237 | 3 | 150 | 13735 | 0 | -43.9 | 35.3 | 0 | 47 | 212 | 3 | 150 | 13851 | 0 | -46.1 | 33.1 | 1 | 84 | 224 | 10 | |
| 200 | 11779 | 0 | -43.5 | 29.6 | 0 | 59 | 257 | 5 | 200 | 11807 | 0 | -44.9 | 29.7 | 0 | 37 | 227 | 3 | 200 | 11941 | 0 | -47.4 | 26.8 | 1 | 83 | 230 | 14 | |
| 300 | 9075 | 0 | -44.7 | 12.0 | 0 | 45 | 267 | 7 | 300 | 9121 | 0 | -45.4 | 10.5 | 0 | 26 | 220 | 4 | 300 | 9267 | 0 | -43.7 | 9.9 | 1 | 75 | 225 | 16 | |
| 500 | 5498 | 0 | -21.5 | 10.1 | 0 | 49 | 279 | 5 | 500 | 5532 | 0 | -19.9 | 11.3 | 0 | 15 | 252 | 1 | 500 | 5638 | 0 | -17.1 | 10.7 | 1 | 80 | 223 | 12 | |
| 700 | 2940 | 0 | -6.2 | 8.9 | 0 | 52 | 299 | 4 | 700 | 2959 | 0 | -4.9 | 8.6 | 0 | 24 | 1 | 2 | 700 | 3032 | 0 | -1.0 | 10.6 | 2 | 82 | 217 | 10 | |
| 850 | 1398 | 0 | 1.3 | 7.7 | 0 | 58 | 325 | 4 | 850 | 1409 | 0 | 3.0 | 7.6 | 0 | 53 | 6 | 3 | 850 | 1461 | 0 | 6.2 | 5.9 | 2 | 82 | 216 | 8 | |
| 1008 | * 12 | | 4.3 | 3.7 | | | | | 1001 | * 69 | | 5.5 | 3.6 | | | | | 1007 | * 61 | | 11.4 | 1.6 | | | | | |
| EUROPE - NETHERLANDS DE BILT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06260 JUL 2006 5206N 00511E OB 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24401 | 28 | -48.7 | 31.6 | 9 | 96 | 101 | 8 | 030 | 24334 | 0 | -49.8 | | 0 | 97 | 96 | 9 | 030 | 24371 | 4 | -49.2 | | 6 | 91 | 91 | 9 | |
| 050 | 21065 | 14 | -52.3 | 30.2 | 9 | 86 | 93 | 4 | 050 | 21030 | 0 | -54.4 | | 0 | 96 | 93 | 6 | 050 | 21053 | 1 | -53.4 | | 0 | 91 | 94 | 5 | |
| 100 | 16618 | 2 | -54.4 | 29.4 | 3 | 67 | 239 | 4 | 100 | 16632 | 0 | -56.9 | | 0 | 49 | 252 | 2 | 100 | 16638 | 0 | -55.9 | | 0 | 50 | 251 | 3 | |
| 150 | 14014 | 0 | -53.2 | 28.2 | 0 | 70 | 246 | 8 | 150 | 14055 | 0 | -54.7 | | 0 | 71 | 266 | 6 | 150 | 14049 | 0 | -54.2 | | 0 | 67 | 268 | 6 | |
| 200 | 12173 | 0 | -57.0 | 11.8 | 0 | 58 | 246 | 10 | 200 | 12221 | 0 | -56.4 | 9.1 | 0 | 60 | 278 | 7 | 200 | 12221 | 0 | -56.4 | | 0 | 52 | 261 | 7 | |
| 300 | 9524 | 0 | -39.9 | 11.0 | 0 | 60 | 241 | 9 | 300 | 9565 | 0 | -39.3 | 11.0 | 0 | 32 | 262 | 3 | 300 | 9563 | 0 | -39.2 | | 0 | 38 | 264 | 5 | |
| 500 | 5821 | 0 | -11.7 | 17.4 | 0 | 66 | 235 | 6 | 500 | 5851 | 0 | -11.2 | 13.9 | 0 | 36 | 285 | 3 | 500 | 5850 | 0 | -10.8 | 19.0 | 0 | 50 | 274 | 4 | |
| 700 | 3161 | 0 | 4.5 | 18.1 | 0 | 64 | 223 | 5 | 700 | 3185 | 0 | 5.6 | 10.2 | 0 | 58 | 247 | 3 | 700 | 3183 | 0 | 5.5 | 12.9 | 0 | 60 | 253 | 3 | |
| 850 | 1555 | 0 | 13.0 | 10.0 | 0 | 52 | 223 | 3 | 850 | 1564 | 0 | 16.7 | 9.0 | 0 | 2 | 146 | 3 | 850 | 1565 | 0 | 15.6 | 7.2 | 0 | 27 | 144 | 2 | |
| 1019 | * 4 | | 22.2 | 7.7 | | | | | 963 | * 491 | | 22.7 | 7.8 | | | | | 994 | * 212 | | 20.5 | 5.4 | | | | | |
| EUROPE - SWITZERLAND & LIECHTENSTEIN PAYERNE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06610 JUL 2006 4649N 00657E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24334 | 0 | -49.8 | | 0 | 97 | 96 | 9 | 030 | 24371 | 4 | -49.2 | | 6 | | | | 050 | 21053 | 1 | -53.4 | | 0 | 91 | 94 | 5 | |
| 050 | 21030 | 0 | -54.4 | | 0 | 96 | 93 | 6 | 050 | 21053 | 1 | -53.4 | | 0 | 50 | 251 | 3 | 100 | 16638 | 0 | -55.9 | | 0 | 50 | 251 | 3 | |
| 100 | 16632 | 0 | -56.9 | | 0 | 49 | 252 | 2 | 100 | 16638 | 0 | -55.9 | | 0 | 67 | 268 | 6 | 150 | 14049 | 0 | -54.2 | | 0 | 67 | 268 | 6 | |
| 150 | 14055 | 0 | -54.7 | | 0 | 71 | 266 | 6 | 150 | 14049 | 0 | -54.2 | | 0 | 52 | 261 | 7 | 200 | 12221 | 0 | -56.4 | | 0 | 52 | 261 | 7 | |
| 200 | 12221 | 0 | -56.4 | 9.1 | 0 | 60 | 278 | 7 | 200 | 12221 | 0 | -56.4 | | 0 | 38 | 264 | 5 | 300 | 9563 | 0 | -39.2 | | 0 | 38 | 264 | 5 | |
| 300 | 9565 | 0 | -39.3 | 11.0 | 0 | 32 | 262 | 3 | 300 | 9563 | 0 | -39.2 | | 0 | 27 | 144 | 2 | 500 | 5850 | 0 | -10.8 | 19.0 | 0 | 50 | 274 | 4 | |
| 500 | 5851 | 0 | -11.2 | 13.9 | 0 | 36 | 285 | 3 | 500 | 5850 | 0 | -10.8 | | 0 | 27 | 144 | 2 | 700 | 3183 | 0 | 5.5 | 12.9 | 0 | 60 | 253 | 3 | |
| 700 | 3185 | 0 | 5.6 | 10.2 | 0 | 58 | 247 | 3 | 700 | 3183 | 0 | 5.5 | | 0 | 27 | 144 | 2 | 850 | 1565 | 0 | 15.6 | 7.2 | 0 | 27 | 144 | 2 | |
| 850 | 1564 | 0 | 16 | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - FRANCE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIMES-COURBESSAC | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07645 JUL 2006 4352N 00424E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24314 | 0 | -50.4 | | 1 | 94 | 102 | 9 | 030 | 21019 | 3 | -55.4 | | | | | 030 | 24321 | 15 | -49.6 | 33.4 | 9 | 94 | 91 | 6 | | |
| 050 | 21018 | 0 | -54.6 | | 0 | 93 | 104 | 7 | 050 | 21019 | 3 | -55.4 | | | | | 050 | 21017 | 10 | -54.6 | 31.9 | 9 | 85 | 100 | 3 | | |
| 100 | 16639 | 0 | -58.3 | | 1 | 64 | 262 | 4 | 100 | 16656 | 2 | -59.7 | | | | | 100 | 16627 | 8 | -57.1 | 31.2 | 8 | 74 | 233 | 3 | | |
| 150 | 14074 | 0 | -55.8 | | 1 | 88 | 272 | 11 | 150 | 14100 | 1 | -55.3 | | | | | 150 | 14053 | 8 | -55.4 | 29.5 | 8 | 78 | 243 | 5 | | |
| 200 | 12247 | 0 | -55.4 | | 1 | 77 | 274 | 12 | 200 | 12264 | 1 | -54.6 | | | | | 200 | 12218 | 6 | -55.7 | 15.7 | 8 | 53 | 246 | 5 | | |
| 300 | 9579 | 0 | -38.7 | | 0 | 67 | 282 | 8 | 300 | 9586 | 0 | -38.2 | | | | | 300 | 9554 | 4 | -39.1 | 14.2 | 7 | 62 | 238 | 5 | | |
| 500 | 5862 | 0 | -11.0 | 17.2 | 0 | 56 | 281 | 5 | 500 | 5865 | 2 | -10.8 | 18.4 | 5 | 43 | 312 | 5 | 500 | 5839 | 4 | -11.1 | 19.7 | 7 | 71 | 237 | 4 | |
| 700 | 3192 | 0 | 6.6 | 12.7 | 0 | 38 | 286 | 3 | 700 | 3192 | 0 | 6.3 | 10.7 | 4 | 56 | 324 | 5 | 700 | 3172 | 4 | 5.9 | 16.1 | 9 | 52 | 243 | 3 | |
| 850 | 1565 | 0 | 17.6 | 10.7 | 0 | 20 | 298 | 1 | 850 | 1565 | 0 | 18.2 | 12.2 | 2 | 50 | 295 | 2 | 850 | 1553 | 4 | 15.2 | 13.3 | 9 | 33 | 235 | 1 | |
| 1010 | * 62 | | | | | | | | 1016 | * 9 | | 29.5 | 7.5 | | | | 1011 | * 67 | | 20.7 | 4.4 | | | | | | |
| EUROPE - SPAIN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA CORUNA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08001 JUL 2006 4322N 00825W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24321 | 15 | -49.6 | 33.4 | 9 | 94 | 91 | 6 | 030 | 21017 | 10 | -54.6 | 31.9 | 9 | 85 | 100 | 3 | 030 | 24232 | 15 | -49.6 | 33.4 | 9 | 94 | 91 | 6 | |
| 050 | 21017 | 10 | -54.6 | 31.9 | 9 | 85 | 100 | 3 | 050 | 21017 | 10 | -54.6 | 31.9 | 9 | 85 | 100 | 3 | 050 | 21017 | 10 | -54.6 | 31.9 | 9 | 85 | 100 | 3 | |
| 100 | 16627 | 8 | -57.1 | 31.2 | 8 | 78 | 243 | 3 | 100 | 16627 | 8 | -57.1 | 31.2 | 8 | 78 | 243 | 3 | 100 | 16627 | 8 | -57.1 | 31.2 | 8 | 78 | 243 | 3 | |
| 150 | 14053 | 8 | -55.4 | 29.5 | 8 | 78 | 243 | 3 | 150 | 14053 | 8 | -55.4 | 29.5 | 8 | 78 | 243 | 3 | 150 | 14053 | 8 | -55.4 | 29.5 | 8 | 78 | 243 | 5 | |
| 200 | 12218 | 6 | -55.7 | 15.7 | 6 | 53 | 246 | 5 | 200 | 12218 | 6 | -55.7 | 15.7 | 6 | 53 | 246 | 5 | 200 | 12218 | 6 | -55.7 | 15.7 | 6 | 53 | 246 | 5 | |
| 300 | 9554 | 4 | -39.1 | 14.2 | 7 | 62 | 238 | 5 | 300 | 9554 | 4 | -39.1 | 14.2 | 7 | 62 | 238 | 5 | 300 | 9554 | 4 | -39.1 | 14.2 | 7 | 62 | 238 | 5 | |
| 500 | 5839 | 4 | -11.1 | 19.7 | 7 | 62 | 238 | 5 | 500 | 5839 | 4 | -11.1 | 19.7 | 7 | 62 | 238 | 5 | 500 | 5839 | 4 | -11.1 | 19.7 | 7 | 62 | 238 | 5 | |
| 700 | 3172 | 4 | 5.9 | 16.1 | 9 | 52 | 243 | 3 | 700 | 3172 | 4 | 5.9 | 16.1 | 9 | 52 | 243 | 3 | 700 | 3172 | 4 | 5.9 | 16.1 | 9 | 52 | 243 | 3 | |
| 850 | 1553 | 4 | 15.2 | 13.3 | 9 | 33 | 235 | 1 | 850 | 1553 | 4 | 15.2 | 13.3 | 9 | 33 | 235 | 1 | 850 | 1553 | 4 | 15.2 | 13.3 | 9 | 33 | 235 | 1 | |
| 1010 | * 67 | | 20.7 | 4.4 | | | | | 1011 | * 67 | | 20.7 | 4.4 | | | | 1010 | * 62 | | 28.6 | 10.2 | | | | | | |
| EUROPE - SPAIN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MURCIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08430 JUL 2006 3800N 00110W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24251 | 18 | -51.7 | 33.5 | 9 | 98 | 98 | 6 | 030 | 20979 | 12 | -57.2 | 31.7 | 9 | 95 | 96 | 4 | 030 | 24251 | 18 | -51.7 | 33.5 | 9 | 98 | 98 | 6 | |
| 050 | 20979 | 12 | -57.2 | 31.7 | 9 | 95 | 96 | 4 | 050 | 20979 | 12 | -57.2 | 31.7 | 9 | 95 | 96 | 4 | 050 | 20979 | 12 | -57.2 | 31.7 | 9 | 95 | 96 | 4 | |
| 100 | 16668 | 7 | -63.1 | 29.8 | 7 | 76 | 248 | 3 | 100 | 16668 | 7 | -63.1 | 29.8 | 7 | 76 | 248 | 3 | 100 | 16668 | 7 | -63.1 | 29.8 | 7 | 76 | 248 | 3 | |
| 150 | 14149 | 5 | -58.3 | 29.8 | 5 | 92 | 257 | 8 | 150 | 14149 | 5 | -58.3 | 29.8 | 5 | 92 | 257 | 8 | 150 | 14149 | 5 | -58.3 | 29.8 | 5 | 92 | 257 | 8 | |
| 200 | 12323 | 3 | -54.9 | 19.0 | 3 | 89 | 260 | 9 | 200 | 12323 | 3 | -54.9 | 19.0 | 3 | 89 | 260 | 9 | 200 | 12323 | 3 | -54.9 | 19.0 | 3 | 89 | 260 | 9 | |
| 300 | 9644 | 2 | -37.7 | 17.8 | 4 | 81 | 257 | 6 | 300 | 9644 | 2 | -37.7 | 17.8 | 4 | 81 | 257 | 6 | 300 | 9644 | 2 | -37.7 | 17.8 | 4 | 81 | 257 | 6 | |
| 500 | 5912 | 1 | -10.0 | 21.1 | 1 | 92 | 261 | 6 | 500 | 5912 | 1 | -10.0 | 21.1 | 1 | 92 | 261 | 6 | 500 | 5912 | 1 | -10.0 | 21.1 | 1 | 92 | 261 | 6 | |
| 700 | 3221 | 0 | 9.6 | 16.6 | 0 | 72 | 251 | 3 | 700 | 3221 | 0 | 9.6 | 16.6 | 0 | 72 | 251 | 3 | 700 | 3221 | 0 | 9.6 | 16.6 | 0 | 72 | 251 | 3 | |
| 850 | 1575 | 0 | 21.1 | 19.0 | 0 | 37 | 181 | 1 | 850 | 1575 | 0 | 21.1 | 19.0 | 0 | 37 | 181 | 1 | 850 | 1575 | 0 | 21.1 | 19.0 | 0 | 37 | 181 | 1 | |
| 1010 | * 62 | | 28.6 | 10.2 | | | | | 1011 | * 62 | | 28.6 | 10.2 | | | | 1010 | * 62 | | 28.6 | 10.2 | | | | | | |
| EUROPE - GIBRALTAR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GIBRALTAR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08495 JUL 2006 3609N 00521W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24220 | 2 | -52.0 | 33.2 | 2 | 98 | 96 | 13 | 030 | 24255 | 2 | -51.2 | 33.4 | 4 | 98 | 101 | 6 | 030 | 24410 | 0 | -47.9 | 34.6 | 1 | 92 | 91 | 7 | |
| 050 | 20957 | 0 | -57.8 | 31.5 | 0 | 94 | 97 | 9 | 050 | 20973 | 2 | -56.2 | 31.9 | 3 | 96 | 98 | 4 | 050 | 21073 | 0 | -51.7 | 33.4 | 0 | 68 | 98 | 3 | |
| 100 | 16662 | 0 | -63.7 | 28.2 | 0 | 84 | 230 | 8 | 100 | 16629 | 2 | -60.3 | 30.5 | 4 | 78 | 226 | 3 | 100 | 16608 | 0 | -53.7 | 32.9 | 0 | 64 | 265 | 4 | |
| 150 | 14152 | 0 | -55.2 | 34.3 | 0 | 92 | 248 | 18 | 150 | 14088 | 2 | -57.1 | 28.6 | 3 | 85 | 252 | 7 | 150 | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - GERMANY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GREIFSWALD | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10184 JUL 2006 5406N 01324E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24403 | 0 | -48.3 | 34.4 | 0 | 91 | 93 | 7 | 030 | 24401 | 0 | -47.9 | 34.3 | 0 | 93 | 98 | 7 | 030 | 24399 | 0 | -48.4 | 34.2 | 0 | 96 | 93 | 7 | |
| 050 | 21067 | 0 | -51.7 | 33.4 | 0 | 67 | 80 | 3 | 050 | 21064 | 0 | -52.3 | 32.9 | 0 | 78 | 96 | 4 | 050 | 21067 | 0 | -52.5 | 33.0 | 0 | 76 | 92 | 3 | |
| 100 | 16607 | 0 | -54.0 | 32.7 | 0 | 65 | 286 | 4 | 100 | 16610 | 0 | -54.3 | 32.5 | 0 | 68 | 253 | 4 | 100 | 16616 | 0 | -54.3 | 32.5 | 0 | 57 | 262 | 3 | |
| 150 | 13999 | 0 | -53.1 | 31.8 | 0 | 75 | 279 | 8 | 150 | 14005 | 0 | -53.2 | 31.6 | 0 | 70 | 255 | 7 | 150 | 14014 | 0 | -53.4 | 31.1 | 0 | 70 | 266 | 7 | |
| 200 | 12160 | 0 | -57.2 | 12.4 | 0 | 69 | 285 | 11 | 200 | 12165 | 0 | -57.4 | 11.6 | 0 | 67 | 252 | 11 | 200 | 12176 | 0 | -57.5 | 10.8 | 0 | 62 | 265 | 9 | |
| 300 | 9514 | 0 | -40.4 | 11.7 | 0 | 68 | 281 | 9 | 300 | 9519 | 0 | -40.2 | 11.6 | 0 | 64 | 248 | 9 | 300 | 9528 | 0 | -40.1 | 12.0 | 0 | 54 | 263 | 7 | |
| 500 | 5818 | 0 | -12.4 | 16.3 | 0 | 57 | 274 | 5 | 500 | 5821 | 0 | -12.1 | 16.9 | 0 | 67 | 244 | 6 | 500 | 5826 | 0 | -11.7 | 18.2 | 0 | 48 | 253 | 4 | |
| 700 | 3163 | 0 | 4.0 | 18.2 | 0 | 46 | 265 | 3 | 700 | 3163 | 0 | 4.1 | 17.4 | 0 | 61 | 231 | 4 | 700 | 3168 | 0 | 4.2 | 17.3 | 0 | 54 | 248 | 4 | |
| 850 | 1560 | 0 | 12.3 | 9.2 | 0 | 41 | 245 | 3 | 850 | 1559 | 0 | 12.6 | 10.9 | 0 | 52 | 223 | 4 | 850 | 1562 | 0 | 12.9 | 9.2 | 0 | 42 | 216 | 3 | |
| 1020 | * 6 | | 21.6 | 7.2 | | | | | 1020 | * 5 | | 20.6 | 5.9 | | | | | 1012 | * 77 | | 21.8 | 8.9 | | | | | |
| EUROPE - GERMANY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EMDEN-FLUGPLATZ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10200 JUL 2006 5323N 00714E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24401 | 0 | -47.9 | 34.3 | 0 | 93 | 98 | 7 | 030 | 24399 | 0 | -48.4 | 34.2 | 0 | 96 | 93 | 7 | 030 | 24380 | 0 | -48.9 | 34.1 | 0 | 85 | 97 | 6 | |
| 050 | 21064 | 0 | -52.3 | 32.9 | 0 | 78 | 96 | 4 | 050 | 21055 | 0 | -53.0 | 32.8 | 0 | 82 | 82 | 4 | 050 | 21055 | 0 | -53.0 | 32.8 | 0 | 59 | 254 | 3 | |
| 100 | 16610 | 0 | -54.3 | 32.5 | 0 | 68 | 253 | 4 | 100 | 16624 | 0 | -55.3 | 32.0 | 0 | 59 | 276 | 5 | 100 | 16624 | 0 | -55.3 | 32.0 | 0 | 58 | 276 | 5 | |
| 150 | 14005 | 0 | -53.2 | 31.6 | 0 | 70 | 255 | 7 | 150 | 14030 | 0 | -54.0 | 31.3 | 0 | 47 | 277 | 6 | 150 | 14030 | 0 | -54.0 | 31.3 | 0 | 47 | 277 | 6 | |
| 200 | 12165 | 0 | -57.4 | 11.6 | 0 | 67 | 252 | 11 | 200 | 12197 | 0 | -57.6 | 10.9 | 0 | 47 | 277 | 6 | 200 | 12197 | 0 | -57.6 | 10.9 | 0 | 47 | 277 | 6 | |
| 300 | 9519 | 0 | -40.2 | 11.6 | 0 | 64 | 248 | 9 | 300 | 9545 | 0 | -39.6 | 13.2 | 0 | 40 | 275 | 4 | 300 | 9545 | 0 | -39.6 | 13.2 | 0 | 40 | 275 | 4 | |
| 500 | 5821 | 0 | -12.1 | 16.9 | 0 | 67 | 244 | 6 | 500 | 5837 | 0 | -11.5 | 20.2 | 0 | 38 | 262 | 3 | 500 | 5837 | 0 | -11.5 | 20.2 | 0 | 38 | 262 | 3 | |
| 700 | 3163 | 0 | 4.1 | 17.4 | 0 | 61 | 231 | 4 | 700 | 3177 | 0 | 4.4 | 11.3 | 0 | 30 | 255 | 2 | 700 | 3177 | 0 | 4.4 | 11.3 | 0 | 30 | 255 | 2 | |
| 850 | 1559 | 0 | 12.6 | 10.9 | 0 | 52 | 223 | 4 | 850 | 1566 | 0 | 14.2 | 6.7 | 0 | 18 | 179 | 1 | 850 | 1566 | 0 | 14.2 | 6.7 | 0 | 18 | 179 | 1 | |
| 1000 | * 153 | | 23.6 | 9.7 | | | | | 1002 | * 453 | | 23.6 | 9.7 | | | | | 968 | * 453 | | 21.7 | 8.5 | | | | | |
| EUROPE - GERMANY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LINDBERG | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10393 JUL 2006 5213N 01407E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24389 | 0 | -48.6 | 34.0 | 0 | 93 | 84 | 7 | 030 | 24385 | 0 | -48.8 | 34.2 | 0 | 92 | 104 | 7 | 030 | 24380 | 0 | -48.9 | 34.1 | 0 | 85 | 97 | 6 | |
| 050 | 21060 | 0 | -52.4 | 32.9 | 0 | 75 | 84 | 4 | 050 | 21060 | 0 | -52.7 | 33.0 | 0 | 77 | 86 | 4 | 050 | 21055 | 0 | -53.0 | 32.8 | 0 | 82 | 82 | 4 | |
| 100 | 16615 | 0 | -54.8 | 32.1 | 0 | 52 | 290 | 3 | 100 | 16621 | 0 | -54.9 | 32.3 | 0 | 61 | 255 | 4 | 100 | 16624 | 0 | -55.3 | 32.0 | 0 | 59 | 254 | 3 | |
| 150 | 14016 | 0 | -53.7 | 30.5 | 0 | 69 | 289 | 6 | 150 | 14024 | 0 | -53.7 | 31.5 | 0 | 67 | 256 | 7 | 150 | 14030 | 0 | -54.0 | 31.3 | 0 | 58 | 276 | 5 | |
| 200 | 12181 | 0 | -57.5 | 11.1 | 0 | 60 | 294 | 8 | 200 | 12189 | 0 | -57.6 | 11.3 | 0 | 55 | 252 | 8 | 200 | 12197 | 0 | -57.6 | 10.9 | 0 | 47 | 277 | 6 | |
| 300 | 9533 | 0 | -40.1 | 12.6 | 0 | 48 | 301 | 6 | 300 | 9539 | 0 | -39.7 | 12.6 | 0 | 52 | 253 | 7 | 300 | 9545 | 0 | -39.6 | 13.2 | 0 | 40 | 275 | 4 | |
| 500 | 5832 | 0 | -11.8 | 18.3 | 0 | 32 | 284 | 3 | 500 | 5832 | 0 | -11.5 | 19.4 | 0 | 51 | 247 | 4 | 500 | 5837 | 0 | -11.5 | 20.2 | 0 | 38 | 262 | 3 | |
| 700 | 3174 | 0 | 4.2 | 16.1 | 0 | 35 | 278 | 3 | 700 | 3171 | 0 | 4.5 | 16.8 | 0 | 57 | 226 | 4 | 700 | 3177 | 0 | 4.4 | 11.3 | 0 | 30 | 255 | 2 | |
| 850 | 1567 | 0 | 13.1 | 6.6 | 0 | 17 | 248 | 1 | 850 | 1562 | 0 | 13.7 | 8.5 | 0 | 56 | 224 | 3 | 850 | 1566 | 0 | 14.2 | 6.7 | 0 | 18 | 179 | 1 | |
| 1000 | * 115 | | 24.3 | 11.9 | | | | | 1002 | * 153 | | 23.6 | 9.7 | | | | | 968 | * 453 | | 21.7 | 8.5 | | | | | |
| EUROPE - GERMANY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MUENCHEN-OBERSCHLEISHEIM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10868 JUL 2006 4815N 01133E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24355 | 2 | -49.8 | 33.9 | 3 | 94 | 99 | 7 | 030 | 24355 | 2 | -49.8 | 33.9 | 3 | 94 | 99 | 7 | 030 | 24361 | 12 | -49.3 | | 9 | 93 | 95 | 7 | |
| 050 | 21043 | 2 | -53.8 | 32.6 | 2 | 88 | 96 | 5 | 050 | 21052 | 5 | -53.5 | | 4 | 53.5 | | 5 | 050 | 21052 | 5 | -53.5 | | 4 | 53 | 287 | 3 | |
| 100 | 16628 | 1 | -56.5 | 31.8 | 1 | 50 | 278 | 3 | 100 | 16634 | 4 | -55.9 | | 2 | 55.9 | | 4 | 100 | 16634 | 4 | -55.9 | | 2 | 59 | 300 | 5 | |
| 150 | 14042 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 JUL 2006 5001N 01427E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24375 | 0 | -48.7 | 34.1 | 0 | 95 | 88 | 7 | 030 | 24359 | 0 | -49.1 | 33.2 | 0 | 94 | 94 | 8 | 030 | 24411 | 0 | -47.9 | 34.4 | 0 | 94 | 94 | 6 | |
| 050 | 21056 | 0 | -52.9 | 32.8 | 0 | 86 | 84 | 4 | 050 | 21043 | 0 | -53.3 | 31.9 | 0 | 72 | 90 | 3 | 050 | 21070 | 0 | -51.5 | 33.3 | 0 | 78 | 67 | 3 | |
| 100 | 16625 | 0 | -55.5 | 32.1 | 0 | 49 | 281 | 3 | 100 | 16618 | 0 | -55.4 | 31.3 | 0 | 67 | 286 | 4 | 100 | 16600 | 0 | -53.2 | 32.8 | 0 | 81 | 299 | 5 | |
| 150 | 14031 | 0 | -53.9 | 30.2 | 0 | 59 | 295 | 4 | 150 | 14015 | 0 | -52.6 | 31.0 | 0 | 70 | 300 | 6 | 150 | 13986 | 0 | -52.5 | 31.8 | 0 | 81 | 299 | 8 | |
| 200 | 12196 | 0 | -56.9 | 11.7 | 0 | 53 | 314 | 6 | 200 | 12164 | 0 | -55.0 | 15.3 | 0 | 60 | 339 | 8 | 200 | 12142 | 0 | -57.0 | 11.9 | 0 | 74 | 301 | 12 | |
| 300 | 9543 | 0 | -39.7 | 12.9 | 0 | 40 | 318 | 4 | 300 | 9508 | 0 | -40.3 | 12.5 | 0 | 59 | 357 | 8 | 300 | 9497 | 0 | -40.5 | 11.2 | 0 | 65 | 301 | 10 | |
| 500 | 5838 | 0 | -11.5 | 20.1 | 0 | 33 | 346 | 2 | 500 | 5816 | 0 | -12.4 | 17.2 | 0 | 61 | 3 | 5 | 500 | 5809 | 0 | -12.5 | 16.7 | 0 | 65 | 299 | 7 | |
| 700 | 3179 | 0 | 4.2 | 11.6 | 0 | 24 | 326 | 1 | 700 | 3164 | 0 | 3.6 | 12.4 | 0 | 43 | 355 | 3 | 700 | 3159 | 0 | 3.3 | 15.0 | 0 | 44 | 284 | 3 | |
| 850 | 1569 | 0 | 14.3 | 6.7 | 0 | 20 | 79 | 1 | 850 | 1558 | 0 | 14.2 | 7.0 | 0 | 29 | 48 | 1 | 850 | 1559 | 0 | 12.1 | 7.2 | 0 | 32 | 259 | 2 | |
| 985 | * 303 | | 23.6 | 10.6 | | | | | 940 | * 703 | | 19.1 | 7.8 | | | | | 1020 | * 6 | | 20.3 | 5.8 | | | | | |
| EUROPE - POLAND LEBA 12120 JUL 2006 5445N 01732E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24375 | 0 | -48.7 | 34.1 | 0 | 95 | 88 | 7 | 030 | 24359 | 0 | -49.1 | 33.2 | 0 | 94 | 94 | 8 | 030 | 24411 | 0 | -47.9 | 34.4 | 0 | 94 | 94 | 6 | |
| 050 | 21056 | 0 | -52.9 | 32.8 | 0 | 86 | 84 | 4 | 050 | 21043 | 0 | -53.3 | 31.9 | 0 | 72 | 90 | 3 | 050 | 21070 | 0 | -51.5 | 33.3 | 0 | 78 | 67 | 3 | |
| 100 | 16625 | 0 | -55.5 | 32.1 | 0 | 49 | 281 | 3 | 100 | 16618 | 0 | -55.4 | 31.3 | 0 | 67 | 286 | 4 | 100 | 16600 | 0 | -53.2 | 32.8 | 0 | 81 | 299 | 5 | |
| 150 | 14031 | 0 | -53.9 | 30.2 | 0 | 59 | 295 | 4 | 150 | 14015 | 0 | -52.6 | 31.0 | 0 | 70 | 300 | 6 | 150 | 13986 | 0 | -52.5 | 31.8 | 0 | 81 | 299 | 8 | |
| 200 | 12196 | 0 | -56.9 | 11.7 | 0 | 53 | 314 | 6 | 200 | 12164 | 0 | -55.0 | 15.3 | 0 | 60 | 339 | 8 | 200 | 12142 | 0 | -57.0 | 11.9 | 0 | 74 | 301 | 12 | |
| 300 | 9543 | 0 | -39.7 | 12.9 | 0 | 40 | 318 | 4 | 300 | 9508 | 0 | -40.3 | 12.5 | 0 | 59 | 357 | 8 | 300 | 9497 | 0 | -40.5 | 11.2 | 0 | 65 | 301 | 10 | |
| 500 | 5838 | 0 | -11.5 | 20.1 | 0 | 33 | 346 | 2 | 500 | 5816 | 0 | -12.4 | 17.2 | 0 | 61 | 3 | 5 | 500 | 5809 | 0 | -12.5 | 16.7 | 0 | 65 | 299 | 7 | |
| 700 | 3179 | 0 | 4.2 | 11.6 | 0 | 24 | 326 | 1 | 700 | 3164 | 0 | 3.6 | 12.4 | 0 | 43 | 355 | 3 | 700 | 3159 | 0 | 3.3 | 15.0 | 0 | 44 | 284 | 3 | |
| 850 | 1569 | 0 | 14.3 | 6.7 | 0 | 20 | 79 | 1 | 850 | 1558 | 0 | 14.2 | 7.0 | 0 | 29 | 48 | 1 | 850 | 1559 | 0 | 12.1 | 7.2 | 0 | 32 | 259 | 2 | |
| 985 | * 303 | | 23.6 | 10.6 | | | | | 940 | * 703 | | 19.1 | 7.8 | | | | | 1020 | * 6 | | 20.3 | 5.8 | | | | | |
| EUROPE - POLAND LEGIONOWO 12374 JUL 2006 5224N 02058E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24392 | 0 | -48.6 | 32.9 | 0 | 96 | 92 | 7 | 030 | 24383 | 0 | -48.6 | 33.9 | 0 | 95 | 85 | 8 | 030 | 24371 | 18 | -49.5 | | 9 | 95 | 96 | 8 | |
| 050 | 21061 | 0 | -52.2 | 32.0 | 0 | 75 | 77 | 3 | 050 | 21059 | 0 | -52.6 | 32.7 | 0 | 81 | 87 | 3 | 050 | 21060 | 16 | -53.7 | | 9 | 84 | 106 | 4 | |
| 100 | 16606 | 0 | -54.0 | 31.3 | 0 | 74 | 302 | 5 | 100 | 16619 | 0 | -54.8 | 32.1 | 0 | 58 | 298 | 3 | 100 | 16641 | 9 | -55.8 | | 9 | 59 | 271 | 3 | |
| 150 | 13995 | 0 | -52.4 | 30.5 | 0 | 77 | 314 | 7 | 150 | 14018 | 0 | -53.3 | 31.2 | 0 | 72 | 306 | 6 | 150 | 14039 | 5 | -52.8 | | 7 | 70 | 295 | 6 | |
| 200 | 12148 | 0 | -56.1 | 12.7 | 0 | 69 | 331 | 11 | 200 | 12180 | 0 | -56.7 | 12.8 | 0 | 62 | 322 | 8 | 200 | 12186 | 4 | -54.3 | | 5 | 55 | 339 | 7 | |
| 300 | 9501 | 0 | -40.5 | 11.3 | 0 | 70 | 337 | 9 | 300 | 9532 | 0 | -39.9 | 13.1 | 0 | 53 | 333 | 6 | 300 | 9527 | 2 | -40.0 | 13.0 | 4 | 55 | 1 | 7 | |
| 500 | 5812 | 0 | -12.7 | 17.6 | 0 | 65 | 337 | 6 | 500 | 5831 | 0 | -11.9 | 18.6 | 0 | 45 | 336 | 4 | 500 | 5828 | 2 | -12.1 | 17.5 | 4 | 60 | 4 | 5 | |
| 700 | 3164 | 0 | 3.3 | 14.0 | 0 | 43 | 331 | 3 | 700 | 3174 | 0 | 4.1 | 16.6 | 0 | 23 | 325 | 1 | 700 | 3172 | 1 | 3.9 | 11.4 | 2 | 47 | 13 | 3 | |
| 850 | 1562 | 0 | 13.0 | 8.1 | 0 | 17 | 336 | 1 | 850 | 1568 | 0 | 13.8 | 7.1 | 0 | 56 | 53 | 3 | 850 | 1563 | 0 | 14.4 | 6.1 | 3 | 22 | 71 | 1 | |
| 1008 | * 96 | | 23.3 | 12.3 | | | | | 1005 | * 122 | | 22.6 | 10.0 | | | | | 1002 | * 139 | | 24.6 | 9.9 | | | | | |
| EUROPE - HUNGARY SZEGED 12982 JUL 2006 4615N 02006E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24352 | 10 | -50.2 | | 9 | 97 | 85 | 9 | 030 | 24317 | 4 | -50.1 | | 4 | 95 | 93 | 9 | 030 | | | | | | | | | |
| 050 | 21052 | 9 | -54.7 | | 9 | 91 | 99 | 4 | 050 | 21024 | 1 | -55.6 | | 1 | 87 | 96 | 5 | 050 | | | | | | | | | |
| 100 | 16648 | 8 | -56.3 | | 8 | 74 | 270 | 4 | 100 | 16643 | 0 | -57.2 | | 0 | 77 | 258 | 6 | 100 | 16633 | 2 | -56.0 | 31.9 | 3 | 76 | 263 | 6 | |
| 150 | 14050 | 6 | -52.4 | | 6 | 73 | 279 | 6 | 150 | 14051 | 0 | -52.4 | | 0 | 82 | 267 | 9 | 150 | 14029 | 2 | -51.4 | 32.5 | 3 | 88 | 269 | 9 | |
| 200 | 12188 | 1 | -53.3 | | 2 | 54 | 331 | 6 | 200 | 12184 | 0 | -51.8 | | 0 | 52 | 308 | 5 | 200 | 12162 | 1 | -51.8 | 21.3 | 3 | 64 | 311 | 7 | |
| 300 | 9525 | 0 | -39.8 | 12.3 | 0 | 53 | 355 | 6 | 300 | 9518 | 0 | -39.9 | | 0 | 49 | 357 | 5 | 300 | 9497 | 0 | -40.5 | 11.2 | 1 | 57 | 341 | 7 | |
| 500 | 5823 | 0 | -12.0 | 16.7 | 0 | 58 | 7 | 5 | 500 | 5816 | 0 | -12.1 | 14.2 | 0 | 49 | 4 | 4 | 500 | 5805 | 0 | -12.7 | 14.8 | 1 | 64 | 348 | 5 | |
| 700 | 3167 | 0 | 3.6 | 11.6 | 0 | 44 | 5 | 2 | 700 | 3160 | 0 | 3.8 | 10.1 | 0 | 64 | 28 | 3 | 700 | 3155 | 0 | 3.2 | 8.5 | 1 | 51 | 1 | 3 | |
| 850 | 1560 | 0 | 14.3 | 6.6 | 0 | 41 | 39 | 2 | 850 | 1552 | 0 | 14.3 | 6.7 | 1 | 56 | 53 | 3 | 850 | 1549 | 0 | 13.8 | 5.7 | 1 | 28 | 29 | 1 | |
| 1009 | * 83 | | 18.4 | 2.1 | | | | | 994 | * 203 | | 20.9 | 6.1 | | | | | 971 | * 414 | | 16.3 | 3.4 | | | | | |
| EUROPE - SERBIA AND MONTENEGRO BEOGRAD/KOSUTNJAK 13275 JUL 2006 4446N 02025E OB 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24317 | 4 | -50.1 | | 4 | 95 | 93 | 9 | 030 | 24317 | 4 | -50.1 | | 4 | 95 | 93 | 9 | 030 | 24317 | 4 | -50.1 | | 4 | 95 | 93 | 9 | |
| 050 | 21024 | 1 | -55.6 | | 1 | 87 | 96 | 5 | 050 | 210 | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - BULGARIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOFIA (OBSERV.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15614 JUL 2006 4239N 02323E OB 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24318 | 8 | -50.0 | 30.6 | 9 | 97 | 96 | 8 | 030 | 24343 | 0 | -49.6 | 32.9 | 1 | 95 | 94 | 8 | 030 | 24330 | 0 | -50.3 | 33.4 | 2 | 94 | 93 | 8 | |
| 050 | 21025 | 1 | -55.7 | 28.7 | 1 | 85 | 100 | 5 | 050 | 21040 | 0 | -54.3 | 31.6 | 1 | 88 | 94 | 6 | 050 | 21032 | 0 | -54.6 | 32.2 | 0 | 89 | 97 | 6 | |
| 100 | 16665 | 0 | -58.4 | 27.8 | 1 | 89 | 231 | 8 | 100 | 16641 | 0 | -56.9 | 30.7 | 0 | 50 | 275 | 3 | 100 | 16638 | 0 | -57.5 | 31.3 | 0 | 48 | 278 | 3 | |
| 150 | 14082 | 0 | -52.0 | 30.4 | 0 | 90 | 244 | 15 | 150 | 14057 | 0 | -54.1 | 29.4 | 0 | 71 | 293 | 6 | 150 | 14064 | 0 | -54.8 | 30.7 | 0 | 77 | 283 | 7 | |
| 200 | 12200 | 0 | -48.3 | 26.2 | 0 | 79 | 255 | 12 | 200 | 12215 | 0 | -55.1 | 14.8 | 0 | 48 | 322 | 6 | 200 | 12228 | 0 | -55.5 | 15.1 | 0 | 60 | 294 | 7 | |
| 300 | 9511 | 0 | -39.5 | 14.3 | 1 | 33 | 334 | 3 | 300 | 9554 | 0 | -39.3 | 11.8 | 0 | 50 | 349 | 5 | 300 | 9565 | 0 | -38.9 | 13.5 | 0 | 36 | 318 | 4 | |
| 500 | 5807 | 0 | -11.8 | 17.8 | 1 | 49 | 36 | 3 | 500 | 5842 | 0 | -11.2 | 14.4 | 0 | 42 | 350 | 3 | 500 | 5849 | 0 | -11.0 | 17.8 | 0 | 42 | 323 | 3 | |
| 700 | 3151 | 0 | 3.6 | 7.9 | 1 | 59 | 54 | 4 | 700 | 3180 | 0 | 5.0 | 9.0 | 0 | 45 | 23 | 3 | 700 | 3183 | 0 | 5.9 | 8.6 | 0 | 42 | 348 | 2 | |
| 850 | 1542 | 0 | 15.0 | 6.4 | 0 | 55 | 59 | 3 | 850 | 1562 | 0 | 16.2 | 8.2 | 0 | 39 | 57 | 2 | 850 | 1559 | 0 | 16.9 | 9.1 | 0 | 32 | 53 | 1 | |
| 950 | * 595 | | 25.2 | 12.5 | | | | | 1007 | * 94 | | 27.2 | 12.7 | | | | | 1005 | * 103 | | 28.0 | 10.2 | | | | | |
| EUROPE - ITALY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UDINE/CAMPOMFORMIDO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16044 JUL 2006 4602N 01311E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24343 | 0 | -49.6 | 32.9 | 1 | 95 | 94 | 8 | 030 | 24330 | 0 | -50.3 | 33.4 | 2 | 94 | 93 | 8 | 030 | 24328 | 0 | -50.3 | 33.4 | 2 | 94 | 93 | 8 | |
| 050 | 21040 | 0 | -54.3 | 31.6 | 1 | 88 | 94 | 6 | 050 | 21032 | 0 | -54.6 | 32.2 | 0 | 89 | 97 | 6 | 050 | 21030 | 0 | -54.6 | 32.2 | 0 | 89 | 97 | 6 | |
| 100 | 16641 | 0 | -56.9 | 30.7 | 0 | 50 | 275 | 3 | 100 | 16638 | 0 | -57.5 | 31.3 | 0 | 48 | 278 | 3 | 100 | 16636 | 0 | -57.5 | 31.3 | 0 | 48 | 278 | 3 | |
| 150 | 14057 | 0 | -54.1 | 29.4 | 0 | 71 | 293 | 6 | 150 | 14064 | 0 | -54.8 | 30.7 | 0 | 77 | 283 | 7 | 150 | 14062 | 0 | -54.8 | 30.7 | 0 | 77 | 283 | 7 | |
| 200 | 12215 | 0 | -55.1 | 14.8 | 0 | 48 | 322 | 6 | 200 | 12228 | 0 | -55.5 | 15.1 | 0 | 60 | 294 | 7 | 200 | 12226 | 0 | -55.5 | 15.1 | 0 | 60 | 294 | 7 | |
| 300 | 9554 | 0 | -39.3 | 11.8 | 0 | 50 | 349 | 5 | 300 | 9565 | 0 | -38.9 | 13.5 | 0 | 36 | 318 | 4 | 300 | 9563 | 0 | -38.9 | 13.5 | 0 | 36 | 318 | 4 | |
| 500 | 5842 | 0 | -11.2 | 14.4 | 0 | 42 | 350 | 3 | 500 | 5849 | 0 | -11.0 | 17.8 | 0 | 42 | 323 | 3 | 500 | 5847 | 0 | -11.0 | 17.8 | 0 | 42 | 323 | 3 | |
| 700 | 3180 | 0 | 5.0 | 9.0 | 0 | 45 | 23 | 3 | 700 | 3183 | 0 | 5.9 | 8.6 | 0 | 42 | 348 | 2 | 700 | 3182 | 0 | 5.9 | 8.6 | 0 | 42 | 348 | 2 | |
| 850 | 1562 | 0 | 16.2 | 8.2 | 0 | 39 | 57 | 2 | 850 | 1559 | 0 | 16.9 | 9.1 | 0 | 32 | 53 | 1 | 850 | 1557 | 0 | 16.9 | 9.1 | 0 | 32 | 53 | 1 | |
| 950 | * 94 | | 27.2 | 12.7 | | | | | 1007 | * 94 | | 27.2 | 12.7 | | | | | 1005 | * 103 | | 28.0 | 10.2 | | | | | |
| EUROPE - ITALY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRAPANI/BIRGI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16429 JUL 2006 3755N 01230E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24251 | 3 | -51.7 | 33.1 | 3 | 97 | 91 | 11 | 030 | 24268 | 2 | -51.4 | 33.2 | 2 | 97 | 97 | 11 | 030 | 24267 | 2 | -51.4 | 33.2 | 2 | 97 | 97 | 11 | |
| 050 | 20987 | 2 | -57.6 | 31.5 | 2 | 93 | 102 | 8 | 050 | 20997 | 2 | -57.0 | 31.6 | 2 | 95 | 101 | 8 | 050 | 20996 | 2 | -57.0 | 31.6 | 2 | 95 | 101 | 8 | |
| 100 | 16686 | 1 | -62.1 | 29.0 | 1 | 83 | 262 | 7 | 100 | 16679 | 0 | -61.3 | 29.9 | 0 | 75 | 273 | 6 | 100 | 16678 | 0 | -61.3 | 29.9 | 0 | 75 | 273 | 6 | |
| 150 | 14151 | 1 | -55.5 | 30.4 | 1 | 88 | 274 | 19 | 150 | 14136 | 0 | -56.1 | 30.7 | 0 | 86 | 280 | 15 | 150 | 14135 | 0 | -56.1 | 30.7 | 0 | 86 | 280 | 15 | |
| 200 | 12297 | 0 | -50.9 | 24.1 | 1 | 85 | 288 | 19 | 200 | 12295 | 0 | -53.2 | 20.6 | 0 | 82 | 294 | 16 | 200 | 12294 | 0 | -53.2 | 20.6 | 0 | 82 | 294 | 16 | |
| 300 | 9601 | 0 | -37.9 | 17.3 | 0 | 82 | 309 | 14 | 300 | 9610 | 0 | -37.7 | 18.3 | 0 | 80 | 309 | 13 | 300 | 9609 | 0 | -37.7 | 18.3 | 0 | 80 | 309 | 13 | |
| 500 | 5873 | 0 | -10.0 | 20.2 | 0 | 85 | 321 | 10 | 500 | 5879 | 0 | -10.0 | 20.3 | 0 | 82 | 311 | 9 | 500 | 5878 | 0 | -10.0 | 20.3 | 0 | 82 | 311 | 9 | |
| 700 | 3193 | 0 | 7.4 | 15.1 | 0 | 77 | 334 | 6 | 700 | 3198 | 0 | 7.8 | 17.6 | 0 | 73 | 324 | 5 | 700 | 3197 | 0 | 7.8 | 17.6 | 0 | 73 | 324 | 5 | |
| 850 | 1564 | 0 | 18.2 | 13.1 | 0 | 66 | 7 | 4 | 850 | 1566 | 0 | 18.9 | 13.6 | 0 | 45 | 328 | 2 | 850 | 1565 | 0 | 18.9 | 13.6 | 0 | 45 | 328 | 2 | |
| 1012 | * 21 | | 26.8 | 7.9 | | | | | 1016 | * 9 | | 26.1 | 4.4 | | | | | 1017 | * 5 | | 28.3 | 10.4 | | | | | |
| EUROPE - TURKEY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISTANBUL/GOZTEPE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17062 JUL 2006 4058N 02905E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24287 | 2 | -51.6 | 33.4 | 2 | 97 | 88 | 11 | 030 | 24268 | 6 | -52.1 | 33.2 | 6 | 96 | 87 | 11 | 030 | 24267 | 5 | -52.1 | 33.2 | 6 | 96 | 87 | 11 | |
| 050 | 21020 | 1 | -57.6 | 31.6 | 1 | 81 | 97 | 5 | 050 | 21010 | 5 | -58.2 | 31.4 | 6 | 84 | 92 | 5 | 050 | 21009 | 5 | -58.2 | 31.4 | 6 | 84 | 92 | 5 | |
| 100 | 16717 | 0 | -62.4 | 29.8 | 0 | 95 | 231 | 16 | 100 | 16743 | 5 | -65.0 | 26.0 | 5 | 94 | 232 | 17 | 100 | 16742 | 4 | -65.0 | 26.0 | 5 | 94 | 232 | 1 | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - TURKEY IZMIR/GUZELYALI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17220 JUL 2006 3826N 02710E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24267 | 9 | -52.1 | 33.1 | 9 | 97 | 94 | 14 | 030 | 24257 | 3 | -52.2 | 32.6 | 3 | 97 | 94 | 13 | 030 | | | | | 9 | 98 | 95 | 15 | |
| 050 | 21009 | 9 | -58.6 | 31.2 | 9 | 86 | 109 | 8 | 050 | 21004 | 3 | -59.5 | 30.4 | 3 | 92 | 91 | 8 | 050 | | | | | 8 | 96 | 99 | 11 | |
| 100 | 16741 | 9 | -64.5 | 27.9 | 9 | 94 | 230 | 14 | 100 | 16777 | 3 | -67.3 | 25.9 | 3 | 94 | 232 | 16 | 100 | | | | | 7 | 86 | 208 | 12 | |
| 150 | 14221 | 6 | -55.1 | 32.0 | 6 | 97 | 237 | 30 | 150 | 14278 | 3 | -56.7 | 29.8 | 3 | 97 | 236 | 29 | 150 | 14350 | 7 | -59.1 | 26.3 | 3 | 90 | 227 | 20 | |
| 200 | 12342 | 1 | -44.8 | 34.1 | 1 | 96 | 237 | 33 | 200 | 12406 | 0 | -45.0 | 33.2 | 0 | 97 | 237 | 33 | 200 | 12491 | 6 | -46.2 | 33.2 | 4 | 91 | 235 | 21 | |
| 300 | 9557 | 0 | -32.2 | 30.1 | 0 | 88 | 244 | 22 | 300 | 9601 | 0 | -29.4 | 36.1 | 0 | 94 | 242 | 26 | 300 | 9672 | 3 | -26.4 | 39.0 | 1 | 95 | 239 | 24 | |
| 500 | 5805 | 0 | -9.8 | 24.8 | 0 | 48 | 284 | 4 | 500 | 5808 | 0 | -8.7 | 28.0 | 0 | 73 | 258 | 6 | 500 | 5830 | 0 | -5.3 | 38.0 | 0 | 85 | 246 | 10 | |
| 700 | 3127 | 0 | 7.3 | 16.4 | 0 | 9 | 163 | 1 | 700 | 3126 | 0 | 7.2 | 7.3 | 0 | 24 | 332 | 1 | 700 | 3122 | 0 | 7.6 | 13.1 | 0 | 71 | 301 | 4 | |
| 850 | 1495 | 0 | 18.4 | 13.4 | 0 | 79 | 39 | 5 | 850 | 1491 | 0 | 19.0 | 11.7 | 0 | 90 | 46 | 5 | 850 | 1485 | 0 | 20.1 | 11.8 | 0 | 57 | 335 | 2 | |
| 1007 | * 29 | | 25.5 | 11.5 | | | | | 900 | * 997 | | 18.2 | 8.8 | | | | | 988 | * 162 | | 34.8 | 19.0 | | | | | |
| EUROPE - RUSSIAN FEDERATION (EUROPE) KANDALAKSHA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22217 JUL 2006 6709N 03221E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24514 | 4 | -44.2 | 33.3 | 4 | 92 | 270 | 5 | 030 | 24514 | 23 | -44.6 | 15.0 | 9 | 91 | 109 | 6 | 030 | 24512 | 10 | -44.7 | 15.7 | 9 | 97 | 82 | 5 | |
| 050 | 21109 | 4 | -46.1 | 32.2 | 4 | 75 | 91 | 3 | 050 | 21091 | 16 | -46.2 | 13.6 | 9 | 79 | 101 | 3 | 050 | 21110 | 7 | -46.1 | 14.3 | 8 | 86 | 55 | 3 | |
| 100 | 16515 | 4 | -47.0 | 29.8 | 4 | 49 | 285 | 3 | 100 | 16489 | 5 | -46.8 | 12.6 | 6 | 23 | 225 | 1 | 100 | 16536 | 2 | -47.2 | 12.0 | 3 | 66 | 327 | 4 | |
| 150 | 13825 | 4 | -45.5 | 29.1 | 4 | 65 | 283 | 6 | 150 | 13778 | 3 | -44.9 | 11.3 | 3 | 37 | 283 | 3 | 150 | 13853 | 2 | -46.0 | 9.9 | 2 | 59 | 303 | 6 | |
| 200 | 11904 | 4 | -45.5 | 25.2 | 4 | 62 | 279 | 9 | 200 | 11864 | 1 | -46.0 | 8.5 | 1 | 39 | 278 | 5 | 200 | 11938 | 2 | -48.9 | 7.1 | 2 | 58 | 305 | 9 | |
| 300 | 9219 | 4 | -44.4 | 10.4 | 4 | 50 | 284 | 13 | 300 | 9192 | 1 | -44.0 | 5.3 | 1 | 30 | 256 | 7 | 300 | 9269 | 1 | -41.3 | 5.8 | 1 | 41 | 289 | 10 | |
| 500 | 5615 | 4 | -19.1 | 10.5 | 4 | 60 | 285 | 10 | 500 | 5571 | 1 | -18.4 | 6.9 | 1 | 41 | 283 | 6 | 500 | 5635 | 1 | -16.8 | 8.0 | 1 | 51 | 301 | 8 | |
| 700 | 3031 | 4 | -3.8 | 7.9 | 4 | 68 | 289 | 8 | 700 | 2989 | 0 | -3.8 | 7.0 | 0 | 54 | 304 | 6 | 700 | 3037 | 1 | -2.3 | 7.2 | 1 | 57 | 309 | 6 | |
| 850 | 1473 | 4 | 5.2 | 5.2 | 4 | 61 | 292 | 6 | 850 | 1436 | 0 | 2.6 | 4.0 | 0 | 60 | 311 | 6 | 850 | 1476 | 1 | 5.9 | 5.3 | 1 | 55 | 309 | 5 | |
| 1012 | * 25 | | 13.8 | 6.1 | | | | | 1012 | * 18 | | 10.1 | 3.5 | | | | | 1014 | * 8 | | 14.0 | 5.4 | | | | | |
| EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22550 JUL 2006 6433N 04035E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24510 | 0 | -45.1 | 18.0 | 0 | 92 | 98 | 5 | 030 | 24451 | 4 | -47.6 | 15.2 | 4 | 85 | 96 | 5 | 030 | 24379 | 20 | -48.4 | 17.0 | 9 | 76 | 79 | 5 | |
| 050 | 21112 | 0 | -46.7 | 16.1 | 0 | 76 | 83 | 3 | 050 | 21094 | 1 | -49.9 | 14.9 | 2 | 47 | 89 | 1 | 050 | 21045 | 4 | -49.8 | 19.6 | 4 | 49 | 38 | 2 | |
| 100 | 16535 | 0 | -47.6 | 13.1 | 0 | 46 | 337 | 2 | 100 | 16566 | 0 | -50.1 | 11.9 | 0 | 81 | 282 | 5 | 100 | 16527 | 0 | -50.3 | 18.9 | 0 | 81 | 295 | 6 | |
| 150 | 13850 | 0 | -46.3 | 10.5 | 0 | 51 | 313 | 4 | 150 | 13898 | 0 | -47.5 | 9.9 | 0 | 81 | 293 | 8 | 150 | 13877 | 0 | -48.3 | 17.1 | 0 | 74 | 302 | 7 | |
| 200 | 11939 | 0 | -47.6 | 7.9 | 0 | 48 | 308 | 7 | 200 | 11992 | 0 | -48.3 | 7.9 | 0 | 64 | 305 | 8 | 200 | 11984 | 0 | -49.8 | 12.5 | 0 | 60 | 317 | 8 | |
| 300 | 9267 | 0 | -43.5 | 6.4 | 0 | 35 | 306 | 8 | 300 | 9328 | 0 | -43.9 | 7.1 | 0 | 51 | 332 | 8 | 300 | 9329 | 0 | -43.0 | 8.2 | 0 | 45 | 327 | 7 | |
| 500 | 5636 | 0 | -17.1 | 9.1 | 0 | 48 | 310 | 8 | 500 | 5691 | 0 | -16.2 | 9.2 | 0 | 59 | 320 | 6 | 500 | 5686 | 0 | -15.6 | 10.1 | 0 | 62 | 325 | 7 | |
| 700 | 3034 | 0 | -2.0 | 7.4 | 0 | 57 | 319 | 7 | 700 | 3076 | 0 | -2. | 6.2 | 0 | 67 | 324 | 6 | 700 | 3076 | 0 | -5. | 7.3 | 0 | 68 | 327 | 6 | |
| 850 | 1467 | 0 | 5.3 | 4.4 | 0 | 57 | 327 | 5 | 850 | 1493 | 0 | 9.8 | 5.4 | 0 | 73 | 323 | 5 | 850 | 1503 | 0 | 9.0 | 5.5 | 0 | 68 | 330 | 4 | |
| 1013 | * 4 | | 14.0 | 5.2 | | | | | 995 | * 157 | | 17.7 | 6.2 | | | | | 994 | * 200 | | 16.8 | 5.9 | | | | | |
| EUROPE - RUSSIAN FEDERATION (EUROPE) NIZHNII NOVGOROD | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27459 JUL 2006 5616N 04400E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24451 | 4 | -47.6 | 15.2 | 4 | 85 | 96 | 5 | 030 | 24379 | 20 | -48.4 | 17.0 | 9 | 76 | 79 | 5 | 030 | 24379 | 20 | -48.4 | 17.0 | 9 | 76 | 79 | 5 | |
| 050 | 21094 | 1 | -49.9 | 14.9 | 2 | 47 | 89 | 1 | 050 | 21045 | 4 | -49.8 | 19.6 | 4 | 49 | 38 | 2 | 050 | 21045 | 4 | -49.8 | 19.6 | 4 | 49 | 38 | 2 | |
| 100 | 16566 | 0 | -50.1 | 11.9 | 0 | 81 | 282 | 5 | 100 | 16527 | 0 | -50.3 | 18.9 | 0 | 81 | 295 | 6 | 100 | 16527 | 0 | -50.3 | 18.9 | 0 | 81 | 295 | 6 | |
| 150 | 13898 | 0 | -47.5 | 9.9 | 0 | 81 | 293 | 8 | 150 | 13877 | 0 | -48.3 | 17.1 | 0 | 74 | 302 | 7 | 150 | 13877 | 0 | -48.3 | 17.1 | 0 | 74 | 302 | 7 | |
| 200 | 11992 | 0 | -48.3 | 7.9 | 0 | 64 | 305 | 8 | 200 | 11984 | 0 | -49.8 | 12.5 | 0 | 60 | 317 | 8 | 200 | 11984 | 0 | -49.8 | 12.5 | 0 | 60 | 317 | 8 | |
| 300 | 9328 | 0 | -43.9 | 7.1 | 0 | 51 | 332 | 8 | 300 | 9329 | 0 | -43.0 | 8.2 | 0 | 45 | 327 | 7 | 300 | 9329 | 0 | -43.0 | 8.2 | 0 | 45 | 327 | 7 | |
| 500 | 5691 | 0 | -16.2 | 9.2 | 0 | 59 | 320 | 6 | 500 | 5686 | 0 | -15.6 | 10.1 | 0 | 62 | 325 | 7 | 500 | 5686 | 0 | -15.6 | 10.1 | 0 | 62 | 325 | 7 | |
| 700 | 3076 | 0 | -2. | 6.2 | 0 | 67 | 324 | 6 | 700 | 3076 | 0 | -5. | 7.3 | 0 | 68 | 327 | 6 | 700 | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUHINICHI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27707 JUL 2006 5406N 03521E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24398 | 11 | -48.8 | 18.0 | 9 | 98 | 98 | 6 | 030 | 24388 | 7 | -48.1 | 14.9 | 7 | 96 | 93 | 5 | 030 | 24337 | 15 | -47.4 | 17.7 | 9 | 92 | 86 | 4 | |
| 050 | 21061 | 7 | -51.7 | 15.9 | 7 | 48 | 95 | 2 | 050 | 21047 | 3 | -50.7 | 14.3 | 3 | 23 | 39 | 1 | 050 | 21001 | 8 | -50.4 | 17.0 | 8 | 26 | 207 | 1 | |
| 100 | 16577 | 4 | -51.5 | 13.3 | 4 | 87 | 277 | 8 | 100 | 16555 | 2 | -50.7 | 12.2 | 2 | 87 | 285 | 8 | 100 | 16511 | 5 | -51.0 | 15.1 | 5 | 94 | 267 | 11 | |
| 150 | 13930 | 4 | -48.9 | 10.9 | 4 | 83 | 287 | 9 | 150 | 13899 | 0 | -48.0 | 10.1 | 0 | 85 | 290 | 10 | 150 | 13861 | 5 | -47.2 | 12.6 | 5 | 95 | 269 | 16 | |
| 200 | 12042 | 4 | -51.1 | 8.3 | 4 | 62 | 302 | 9 | 200 | 12002 | 0 | -48.6 | 7.8 | 0 | 71 | 304 | 9 | 200 | 11948 | 5 | -45.8 | 10.0 | 5 | 91 | 275 | 16 | |
| 300 | 9387 | 4 | -41.3 | 7.9 | 4 | 62 | 319 | 10 | 300 | 9344 | 0 | -42.6 | 6.9 | 0 | 57 | 323 | 9 | 300 | 9267 | 5 | -43.3 | 7.8 | 5 | 72 | 292 | 13 | |
| 500 | 5722 | 4 | -13.8 | 10.4 | 4 | 70 | 315 | 7 | 500 | 5701 | 0 | -15.2 | 9.1 | 0 | 66 | 324 | 7 | 500 | 5639 | 5 | -16.6 | 10.1 | 5 | 69 | 297 | 9 | |
| 700 | 3095 | 4 | 1.2 | 8.2 | 4 | 68 | 313 | 5 | 700 | 3086 | 0 | .0 | 6.0 | 0 | 65 | 328 | 5 | 700 | 3036 | 5 | -.9 | 6.8 | 5 | 63 | 301 | 6 | |
| 850 | 1512 | 4 | 10.7 | 5.6 | 4 | 53 | 319 | 3 | 850 | 1509 | 0 | 9.9 | 4.8 | 0 | 73 | 324 | 5 | 850 | 1470 | 5 | 8.4 | 4.8 | 5 | 67 | 310 | 6 | |
| 989 | * 238 | | 18.1 | 6.0 | | | | | 998 | * 158 | | 17.1 | 5.4 | | | | | 993 | * 172 | | 17.1 | 6.9 | | | | | |
| EUROPE - RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RYAZAN' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27730 JUL 2006 5438N 03942E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24388 | 7 | -48.1 | 14.9 | 7 | 96 | 93 | 5 | 030 | 24337 | 15 | -47.4 | 17.7 | 9 | 92 | 86 | 4 | 030 | 24343 | 19 | -49.5 | 12.3 | 9 | 96 | 85 | 7 | |
| 050 | 21047 | 3 | -50.7 | 14.3 | 3 | 23 | 39 | 1 | 050 | 21001 | 8 | -50.4 | 17.0 | 8 | 26 | 207 | 1 | 050 | 21002 | 16 | -51.5 | 11.1 | 9 | 80 | 68 | 3 | |
| 100 | 16555 | 2 | -50.7 | 12.2 | 2 | 87 | 285 | 8 | 100 | 16511 | 5 | -51.0 | 15.1 | 5 | 94 | 267 | 11 | 100 | 16541 | 15 | -52.8 | 10.4 | 9 | 91 | 281 | 7 | |
| 150 | 13899 | 0 | -48.0 | 10.1 | 0 | 85 | 290 | 10 | 150 | 13861 | 5 | -47.2 | 12.6 | 5 | 95 | 269 | 16 | 150 | 13911 | 15 | -50.4 | 9.0 | 9 | 79 | 293 | 8 | |
| 200 | 12002 | 0 | -48.6 | 7.8 | 0 | 71 | 304 | 9 | 200 | 12036 | 15 | -51.6 | 7.0 | 9 | 60 | 314 | 9 | 200 | 12046 | 15 | -50.4 | 9.0 | 9 | 60 | 314 | 9 | |
| 300 | 9344 | 0 | -42.6 | 6.9 | 0 | 57 | 323 | 9 | 300 | 9398 | 15 | -42.5 | 6.3 | 9 | 67 | 327 | 11 | 300 | 9267 | 5 | -43.3 | 7.8 | 5 | 72 | 292 | 13 | |
| 500 | 5701 | 0 | -15.2 | 9.1 | 0 | 66 | 324 | 7 | 500 | 5734 | 15 | -13.7 | 9.1 | 9 | 64 | 318 | 6 | 500 | 5639 | 5 | -16.6 | 10.1 | 5 | 69 | 297 | 9 | |
| 700 | 3086 | 0 | .0 | 6.0 | 0 | 65 | 328 | 5 | 700 | 3113 | 16 | 1.5 | 6.7 | 9 | 58 | 344 | 5 | 700 | 3036 | 5 | -.9 | 6.8 | 5 | 63 | 301 | 6 | |
| 850 | 1509 | 0 | 9.9 | 4.8 | 0 | 73 | 324 | 5 | 850 | 1530 | 16 | 10.8 | 4.8 | 9 | 56 | 21 | 4 | 850 | 1470 | 5 | 8.4 | 4.8 | 5 | 67 | 310 | 6 | |
| 989 | * 158 | | 17.1 | 5.4 | | | | | 998 | * 172 | | 17.1 | 6.9 | | | | | 993 | * 126 | | 16.5 | 3.1 | | | | | |
| EUROPE - RUSSIAN FEDERATION (EUROPE) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KURSK | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34009 JUL 2006 5146N 03610E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24320 | 0 | -49.3 | 19.4 | 0 | 94 | 98 | 6 | 030 | 24365 | 5 | -49.2 | 19.0 | 5 | 94 | 96 | 4 | 030 | 24343 | 19 | -49.5 | 12.3 | 9 | 96 | 85 | 7 | |
| 050 | 21012 | 0 | -52.3 | 18.7 | 0 | 26 | 76 | 1 | 050 | 21045 | 1 | -52.2 | 17.4 | 1 | 24 | 299 | 1 | 050 | 21002 | 16 | -51.5 | 11.1 | 9 | 80 | 68 | 3 | |
| 100 | 16561 | 0 | -52.9 | 16.6 | 0 | 88 | 272 | 10 | 100 | 16589 | 0 | -52.5 | 15.3 | 0 | 93 | 269 | 12 | 100 | 16541 | 15 | -52.8 | 10.4 | 9 | 91 | 281 | 7 | |
| 150 | 13924 | 0 | -49.0 | 13.9 | 0 | 89 | 276 | 12 | 150 | 13945 | 0 | -48.0 | 13.0 | 0 | 93 | 270 | 16 | 150 | 13911 | 15 | -50.4 | 9.0 | 9 | 79 | 293 | 8 | |
| 200 | 12035 | 0 | -49.5 | 10.3 | 0 | 78 | 292 | 12 | 200 | 12046 | 0 | -47.6 | 10.0 | 0 | 88 | 278 | 16 | 200 | 12036 | 15 | -51.6 | 7.0 | 9 | 60 | 314 | 9 | |
| 300 | 9376 | 0 | -42.1 | 9.5 | 0 | 63 | 318 | 11 | 300 | 9374 | 1 | -41.7 | 9.2 | 0 | 64 | 297 | 12 | 300 | 9398 | 15 | -42.5 | 6.3 | 9 | 67 | 327 | 11 | |
| 500 | 5721 | 0 | -14.6 | 12.0 | 0 | 65 | 327 | 8 | 500 | 5715 | 0 | -14.5 | 11.7 | 0 | 64 | 310 | 8 | 500 | 5734 | 15 | -13.7 | 9.1 | 9 | 64 | 318 | 6 | |
| 700 | 3100 | 0 | .9 | 8.0 | 0 | 48 | 329 | 4 | 700 | 3094 | 0 | 1.0 | 7.6 | 0 | 57 | 323 | 5 | 700 | 3113 | 16 | 1.5 | 6.7 | 9 | 58 | 344 | 5 | |
| 850 | 1519 | 0 | 10.8 | 5.0 | 0 | 52 | 349 | 3 | 850 | 1512 | 0 | 11.4 | 5.6 | 0 | 44 | 344 | 3 | 850 | 1530 | 16 | 10.8 | 4.8 | 9 | 56 | 21 | 4 | |
| 989 | * 247 | | 19.2 | 8.0 | | | | | 1004 | * 104 | | 21.0 | 9.2 | | | | | 1004 | * 126 | | 16.5 | 3.1 | | | | | |
| EUROPE - UKRAINE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KIEV | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33345 JUL 2006 5024N 03034E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 21033 | 22 | -53.3 | 13.3 | 9 | 64 | 89 | 3 | 050 | 20946 | 1 | -62.0 | | 8 | 98 | 99 | 13 | 050 | 21070 | 5 | -62.4 | | 5 | 97 | 99 | 12 | |
| 050 | 16584 | 22 | -53.8 | 11.8 | 9 | 85 | 275 | 7 | 100 | 16839 | 0 | -74.2 | | 1 | 87 | 182 | 12 | 100 | 16925 | 3 | -73.3 | | 3 | 89 | 184 | 13 | |
| 100 | 16561 | 6 | -50.3 | 10.5 | 9 | 87 | 279 | 10 | 150 | 14406 | 0 | -60.4 | | 0 | 88 | 206 | 16 | 150 | 14469 | 1 | -60.1 | | 1 | 89 | 211 | 16 | |
| 150 | 13961 | | | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|----------|--------------|--------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OSTROV DIKSON | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20674 | JUL 2006 | 7330N | 08024E | OB 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24668 | 26 | -40.9 | | 9 | 95 | 98 | 3 | 030 | 24596 | 20 | -44.2 | 18.3 | 9 | 94 | 83 | 5 | 030 | 21122 | 24 | -44.3 | 13.5 | 9 | 89 | 43 | 4 | |
| 050 | 21197 | 22 | -41.9 | | 9 | 77 | 126 | 3 | 050 | 21182 | 13 | -45.9 | 15.4 | 9 | 70 | 78 | 2 | 050 | 21131 | 9 | -47.0 | 12.8 | 9 | 56 | 142 | 2 | |
| 100 | 16510 | 7 | -44.2 | | 9 | 53 | 217 | 2 | 100 | 16580 | 6 | -47.2 | 13.0 | 8 | 60 | 295 | 2 | 100 | 16551 | 9 | -48.0 | 12.8 | 9 | 54 | 204 | 4 | |
| 150 | 13797 | 1 | -43.9 | | 2 | 55 | 225 | 4 | 150 | 13886 | 2 | -46.1 | 10.4 | 2 | 66 | 278 | 4 | 150 | 13875 | 9 | -47.4 | 11.0 | 9 | 62 | 209 | 7 | |
| 200 | 11869 | 1 | -44.2 | 14.0 | 1 | 56 | 240 | 6 | 200 | 11978 | 1 | -48.5 | 9.2 | 1 | 64 | 275 | 7 | 200 | 11859 | 3 | -46.2 | 9.4 | 3 | 51 | 303 | 7 | |
| 300 | 9168 | 0 | -43.8 | 12.0 | 0 | 48 | 246 | 10 | 300 | 9291 | 0 | -41.5 | 7.4 | 0 | 59 | 277 | 10 | 300 | 9231 | 3 | -42.3 | 6.8 | 3 | 29 | 283 | 7 | |
| 500 | 5564 | 0 | -18.5 | 9.4 | 0 | 51 | 231 | 8 | 500 | 5637 | 0 | -16.2 | 8.4 | 0 | 65 | 278 | 7 | 500 | 5580 | 3 | -16.5 | 9.2 | 3 | 41 | 305 | 5 | |
| 700 | 2968 | 0 | -2.2 | 7.9 | 0 | 53 | 221 | 6 | 700 | 3023 | 0 | -.2 | 8.7 | 0 | 60 | 278 | 5 | 700 | 2986 | 1 | -1.8 | 5.7 | 1 | 46 | 325 | 5 | |
| 850 | 1400 | 0 | 6.0 | 4.8 | 0 | 52 | 218 | 5 | 850 | 1443 | 1 | 8.2 | 8.0 | 0 | 42 | 260 | 3 | 850 | 1426 | 0 | 5.6 | 4.9 | 0 | 26 | 319 | 2 | |
| 1001 | * 47 | | 8.6 | 1.9 | | | | | 1006 | * 33 | | 13.7 | 5.0 | | | | | 1011 | * 7 | | 8.0 | 2.3 | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HATANGA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20891 | JUL 2006 | 7159N | 10220E | OB 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24596 | 20 | -44.2 | 18.3 | 9 | 94 | 83 | 5 | 030 | 21122 | 24 | -44.3 | 13.5 | 9 | 89 | 43 | 4 | 030 | 24524 | 16 | -44.7 | 12.2 | 9 | 91 | 85 | 5 | |
| 050 | 21182 | 13 | -45.9 | 15.4 | 9 | 70 | 78 | 2 | 050 | 21131 | 9 | -47.0 | 12.8 | 9 | 56 | 142 | 2 | 050 | 21131 | 9 | -48.0 | 12.8 | 9 | 54 | 204 | 4 | |
| 100 | 16580 | 6 | -47.2 | 13.0 | 8 | 60 | 295 | 2 | 100 | 16551 | 9 | -48.0 | 12.8 | 9 | 54 | 204 | 4 | 100 | 16551 | 9 | -47.4 | 11.0 | 9 | 62 | 209 | 7 | |
| 150 | 13886 | 2 | -46.1 | 10.4 | 2 | 66 | 278 | 4 | 150 | 13875 | 9 | -47.4 | 11.0 | 9 | 62 | 209 | 7 | 150 | 13875 | 9 | -50.7 | 8.2 | 8 | 64 | 206 | 11 | |
| 200 | 11978 | 1 | 11.7 | 18.3 | 1 | 64 | 275 | 7 | 200 | 11987 | 8 | -50.7 | 8.2 | 8 | 64 | 206 | 11 | 200 | 11987 | 8 | -41.2 | 7.0 | 8 | 59 | 208 | 14 | |
| 300 | 9291 | 0 | -41.5 | 7.4 | 0 | 59 | 277 | 10 | 300 | 9320 | 8 | -14.3 | 8.5 | 8 | 68 | 197 | 10 | 300 | 9320 | 8 | -49.3 | 9.1 | 8 | 71 | 186 | 7 | |
| 500 | 5637 | 0 | -16.2 | 8.4 | 0 | 65 | 278 | 7 | 500 | 5648 | 8 | 1.1 | 8.5 | 8 | 71 | 186 | 7 | 500 | 5648 | 8 | 9.7 | 5.5 | 8 | 70 | 170 | 5 | |
| 700 | 3023 | 0 | -.2 | 8.7 | 0 | 60 | 278 | 5 | 700 | 3015 | 8 | 1.1 | 8.5 | 8 | 71 | 186 | 7 | 700 | 3015 | 8 | 18.2 | 6.3 | | | | | |
| 850 | 1443 | 1 | 8.2 | 8.0 | 0 | 42 | 260 | 3 | 850 | 1432 | 8 | 9.7 | 5.5 | 8 | 70 | 170 | 5 | 850 | 1432 | 8 | 18.2 | 6.3 | | | | | |
| 1001 | * 33 | | 13.7 | 5.0 | | | | | 1004 | * 16 | | 14.2 | 4.5 | | | | | 1002 | * 38 | | 18.2 | 6.3 | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SALEHARD | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23330 | JUL 2006 | 6632N | 06640E | OB 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24458 | 5 | -44.9 | 16.0 | 5 | 94 | 96 | 4 | 030 | 24524 | 16 | -44.7 | 12.2 | 9 | 91 | 85 | 5 | 030 | 24524 | 16 | -44.7 | 12.2 | 9 | 91 | 85 | 5 | |
| 050 | 21064 | 5 | -46.5 | 15.3 | 5 | 71 | 125 | 3 | 050 | 21131 | 9 | -47.0 | 12.8 | 9 | 56 | 142 | 2 | 050 | 21131 | 9 | -48.0 | 12.8 | 9 | 54 | 204 | 4 | |
| 100 | 16495 | 1 | -47.3 | 14.3 | 1 | 39 | 190 | 2 | 100 | 16551 | 9 | -48.0 | 12.8 | 9 | 54 | 204 | 4 | 100 | 16551 | 9 | -47.4 | 11.0 | 9 | 62 | 209 | 7 | |
| 150 | 13806 | 1 | -45.8 | 12.2 | 1 | 39 | 207 | 4 | 150 | 13875 | 9 | -47.4 | 11.0 | 9 | 62 | 209 | 7 | 150 | 13875 | 9 | -50.7 | 8.2 | 8 | 64 | 206 | 11 | |
| 200 | 11903 | 1 | -47.9 | 9.5 | 1 | 28 | 218 | 4 | 200 | 11987 | 8 | -50.7 | 8.2 | 8 | 64 | 206 | 11 | 200 | 11987 | 8 | -41.2 | 7.0 | 8 | 59 | 208 | 14 | |
| 300 | 9211 | 1 | -41.6 | 8.1 | 1 | 31 | 211 | 7 | 300 | 9320 | 8 | -14.3 | 8.5 | 8 | 68 | 197 | 10 | 300 | 9320 | 8 | -49.3 | 9.1 | 8 | 71 | 186 | 7 | |
| 500 | 5563 | 0 | -16.3 | 9.9 | 0 | 22 | 225 | 3 | 500 | 5648 | 8 | 1.1 | 8.5 | 8 | 71 | 186 | 7 | 500 | 5648 | 8 | 9.7 | 5.5 | 8 | 70 | 170 | 5 | |
| 700 | 2960 | 0 | -.5 | 5.9 | 0 | 18 | 240 | 2 | 700 | 3015 | 8 | 1.1 | 8.5 | 8 | 71 | 186 | 7 | 700 | 3015 | 8 | 18.2 | 6.3 | | | | | |
| 850 | 1395 | 0 | 6.8 | 3.7 | 0 | 12 | 299 | 1 | 850 | 1432 | 8 | 9.7 | 5.5 | 8 | 70 | 170 | 5 | 850 | 1432 | 8 | 18.2 | 6.3 | | | | | |
| 1001 | * 16 | | 14.2 | 4.5 | | | | | 1004 | * 16 | | 14.2 | 4.5 | | | | | 1002 | * 38 | | 18.2 | 6.3 | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IVDEL' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23921 | JUL 2006 | 6041N | 06027E | OB | 3 | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24473 | 3 | -45.2 | 16.9 | 3 | 95 | 94 | 5 | 030 | 21149 | 11 | -45.5 | 17.9 | 9 | 65 | 49 | 2 | 030 | 24473 | 3 | -45.2 | 16.9 | 9 | 65 | 49 | 2 | |
| 050 | 21080 | 3 | -47.1 | 16.8 | 3 | 68 | 112 | 2 | 050 | 21149 | 11 | -46.7 | 13.4 | 1 | 46 | 335 | 3 | 050 | 21080 | 3 | -47.1 | 16.8 | 1 | 46 | 335 | 3 | |
| 100 | 16515 | 1 | -47.5 | 15.3 | 1 | 36 | 227 | 2 | 100 | 16583 | 1 | -46.7 | 13.4 | 1 | 46 | 335 | 3 | 100 | 16515 | 1 | -47.5 | 15.3 | 1 | 46 | 335 | 3 | |
| 150 | 13824 | 0 | -45.7 | 13.2 | 0 | 41 | 250 | 3 | 150 | 13893 | 1 | -46.4 | 11.4 | 1 | 48 | 321 | 4 | 150 | 13824 | 0 | -45.7 | 13.2 | 0 | 41 | 250 | 3 | |
| 200 | 11915 | 0 | -46.6 | 10.5 | 0 | 24 | 234 | 2 | 200 | 11991 | 0 | -49.3 | 9.1 | 0 | 50 | 314 | 7 | 200 | 11915 | 0 | -46.6 | 10.5 | 0 | 24 | 234 | 2 | |
| 300 | 9224 | 0 | -42.3 | 8.0 | 0 | 15 | 261 | 3 | 300 | 9306 | 0 | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | | | | | | | | | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------|------|---|-----|------|------|------|-----|---|----|-----|---|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | | | | | | | | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | | | | | | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VERHOJANSK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24266 JUL 2006 6734N 13320E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24585 | 16 | -43.6 | 15.2 | 9 | 98 | 81 | 6 | 030 | 24510 | 30 | -45.3 | 12.0 | 9 | 99 | 35 | 3 | 030 | 24530 | 1 | -44.9 | 21.4 | 1 | 89 | 89 | 5 | | | | | | | | | | | | |
| 050 | 21168 | 10 | -45.6 | 14.2 | 9 | 88 | 67 | 4 | 050 | 21102 | 25 | -46.6 | 18.7 | 9 | 84 | 51 | 3 | 050 | 21139 | 1 | -47.5 | 21.7 | 1 | 62 | 76 | 2 | | | | | | | | | | | | |
| 100 | 16569 | 5 | -47.4 | 12.0 | 5 | 37 | 337 | 2 | 100 | 16533 | 7 | -48.1 | 14.2 | 8 | 40 | 328 | 2 | 100 | 16582 | 0 | -49.3 | 19.3 | 0 | 29 | 301 | 2 | | | | | | | | | | | | |
| 150 | 13882 | 5 | -46.4 | 9.9 | 5 | 29 | 318 | 3 | 150 | 13851 | 4 | -46.4 | 11.7 | 4 | 42 | 308 | 4 | 150 | 13923 | 0 | -48.4 | 15.1 | 0 | 47 | 273 | 4 | | | | | | | | | | | | |
| 200 | 11984 | 5 | -50.4 | 7.3 | 5 | 21 | 295 | 4 | 200 | 11946 | 3 | -48.0 | 8.9 | 3 | 31 | 316 | 4 | 200 | 12038 | 0 | -52.1 | 10.3 | 0 | 38 | 276 | 5 | | | | | | | | | | | | |
| 300 | 9303 | 5 | -40.8 | 6.1 | 5 | 9 | 318 | 2 | 300 | 9270 | 2 | -42.3 | 7.1 | 2 | 20 | 356 | 4 | 300 | 9376 | 0 | -41.0 | 10.1 | 0 | 35 | 274 | 5 | | | | | | | | | | | | |
| 500 | 5634 | 5 | -14.7 | 6.9 | 5 | 16 | 312 | 2 | 500 | 5627 | 0 | -16.0 | 8.0 | 0 | 19 | 23 | 2 | 500 | 5697 | 0 | -13.5 | 11.4 | 0 | 31 | 274 | 3 | | | | | | | | | | | | |
| 700 | 3017 | 5 | .5 | 4.1 | 5 | 27 | 320 | 3 | 700 | 3021 | 1 | .0 | 6.1 | 0 | 21 | 9 | 2 | 700 | 3059 | 0 | 1.8 | 7.5 | 0 | 30 | 263 | 2 | | | | | | | | | | | | |
| 850 | 1436 | 5 | 10.0 | 6.2 | 5 | 12 | 180 | 1 | 850 | 1445 | 1 | 9.3 | 5.7 | 1 | 41 | 14 | 3 | 850 | 1463 | 0 | 12.4 | 7.1 | 0 | 18 | 226 | 1 | | | | | | | | | | | | |
| 992 | * 138 | | 15.9 | 5.8 | | | | | 1000 | * 92 | | 17.1 | 4.6 | | | | | 987 | * 168 | | 20.0 | 7.4 | | | | | | | | | | | | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZHIGANSK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24343 JUL 2006 6646N 12320E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24510 | 30 | -45.3 | 12.0 | 9 | 99 | 35 | 3 | 030 | 24530 | 1 | -44.9 | 21.4 | 1 | 89 | 89 | 5 | 030 | 24571 | 16 | -46.9 | 13.8 | 9 | 89 | 61 | 4 | | | | | | | | | | | | |
| 050 | 21102 | 25 | -46.6 | 18.7 | 9 | 84 | 51 | 3 | 050 | 21139 | 1 | -47.5 | 21.7 | 1 | 62 | 76 | 2 | 050 | 21171 | 2 | -48.3 | 12.0 | 2 | 47 | 327 | 3 | | | | | | | | | | | | |
| 100 | 16533 | 7 | -48.1 | 14.2 | 8 | 40 | 328 | 2 | 100 | 16499 | 1 | -48.8 | 10.5 | 1 | 49 | 300 | 5 | 100 | 16499 | 2 | -47.4 | 8.5 | 0 | 51 | 284 | 8 | | | | | | | | | | | | |
| 150 | 13851 | 4 | -46.4 | 11.7 | 4 | 42 | 308 | 4 | 150 | 13822 | 1 | -47.1 | 286 | 3 | 500 | 11936 | 0 | -49.2 | 9.1 | 0 | 43 | 289 | 6 | 150 | 13822 | 1 | -47.4 | 10.5 | 1 | 49 | 300 | 5 | | | | | | |
| 200 | 11946 | 3 | -48.0 | 8.9 | 3 | 31 | 316 | 4 | 200 | 11936 | 0 | -49.4 | 257 | 5 | 300 | 9257 | 0 | -41.3 | 7.1 | 0 | 49 | 290 | 11 | 200 | 11936 | 0 | -49.2 | 8.5 | 0 | 51 | 284 | 8 | | | | | | |
| 300 | 9270 | 2 | -42.3 | 7.1 | 2 | 20 | 356 | 4 | 300 | 9257 | 0 | -40.9 | 245 | 5 | 500 | 5603 | 0 | -15.4 | 9.1 | 0 | 43 | 289 | 6 | 300 | 9257 | 0 | -41.3 | 7.1 | 0 | 49 | 290 | 11 | | | | | | |
| 500 | 5627 | 0 | -16.0 | 8.0 | 0 | 19 | 23 | 2 | 500 | 5629 | 0 | -14.8 | 259 | 2 | 700 | 2992 | 0 | -.4 | 5.7 | 0 | 48 | 300 | 4 | 500 | 5629 | 0 | -14.8 | 259 | 2 | 700 | 2992 | 0 | -.4 | 5.7 | 0 | 48 | 300 | 4 |
| 700 | 3021 | 1 | .0 | 6.1 | 0 | 21 | 9 | 2 | 700 | 3011 | 0 | .8 | 308 | 2 | 850 | 1418 | 0 | 8.6 | 7.1 | 0 | 34 | 304 | 2 | 700 | 3011 | 0 | .8 | 308 | 2 | 850 | 1418 | 0 | 8.6 | 7.1 | 0 | 34 | 304 | 2 |
| 850 | 1445 | 1 | 9.3 | 5.7 | 1 | 41 | 14 | 3 | 850 | 1426 | 0 | 10.8 | 333 | 2 | 994 | * 101 | 19.7 | 8.4 | | | | | 1003 | * 43 | 15.9 | 5.3 | | | | | 1003 | * 43 | 15.9 | 5.3 | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAKUTSK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24959 JUL 2006 6201N 12940E OB 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24475 | 9 | -45.3 | 14.1 | 9 | 98 | 78 | 7 | 030 | 21071 | 16 | -46.9 | 13.8 | 9 | 89 | 61 | 4 | 030 | 21071 | 16 | -46.9 | 13.8 | 9 | 89 | 61 | 4 | | | | | | | | | | | | |
| 050 | 21110 | 5 | -47.5 | 14.7 | 5 | 88 | 61 | 3 | 050 | 21139 | 1 | -47.5 | 21.7 | 1 | 62 | 76 | 2 | 050 | 21171 | 2 | -48.3 | 12.0 | 2 | 47 | 327 | 3 | | | | | | | | | | | | |
| 100 | 16551 | 1 | -48.8 | 14.1 | 1 | 40 | 336 | 2 | 100 | 16499 | 1 | -48.8 | 10.5 | 1 | 49 | 300 | 5 | 100 | 16499 | 2 | -47.4 | 8.5 | 1 | 49 | 300 | 5 | | | | | | | | | | | | |
| 150 | 13880 | 1 | -47.1 | 12.8 | 1 | 44 | 286 | 3 | 150 | 13822 | 1 | -47.1 | 286 | 3 | 500 | 5603 | 0 | -15.4 | 9.1 | 0 | 43 | 289 | 6 | 150 | 13822 | 1 | -47.4 | 10.5 | 1 | 49 | 300 | 5 | | | | | | |
| 200 | 11986 | 1 | -49.4 | 11.9 | 1 | 35 | 257 | 5 | 200 | 11936 | 0 | -49.4 | 257 | 5 | 300 | 9257 | 0 | -41.3 | 7.1 | 0 | 49 | 290 | 11 | 200 | 11936 | 0 | -49.2 | 8.5 | 0 | 51 | 284 | 8 | | | | | | |
| 300 | 9291 | 1 | -40.9 | 8.6 | 1 | 34 | 245 | 5 | 300 | 9257 | 0 | -40.9 | 245 | 5 | 500 | 5603 | 0 | -15.4 | 9.1 | 0 | 43 | 289 | 6 | 300 | 9257 | 0 | -41.3 | 7.1 | 0 | 49 | 290 | 11 | | | | | | |
| 500 | 5629 | 0 | -14.8 | 9.5 | 0 | 24 | 259 | 2 | 500 | 5629 | 0 | -14.8 | 259 | 2 | 700 | 2992 | 0 | -.4 | 5.7 | 0 | 48 | 300 | 4 | 500 | 5629 | 0 | -14.8 | 259 | 2 | 700 | 2992 | 0 | -.4 | 5.7 | 0 | 48 | 300 | 4 |
| 700 | 3011 | 0 | .8 | 6.6 | 0 | 32 | 308 | 2 | 700 | 3011 | 0 | .8 | 308 | 2 | 850 | 1418 | 0 | 8.6 | 7.1 | 0 | 34 | 304 | 2 | 700 | 3011 | 0 | .8 | 308 | 2 | 850 | 1418 | 0 | 8.6 | 7.1 | 0 | 34 | 304 | 2 |
| 850 | 1426 | 0 | 10.8 | 6.7 | 0 | 23 | 333 | 2 | 994 | * 101 | 19.7 | 8.4 | | | | | 1003 | * 43 | 15.9 | 5.3 | | | | | 1003 | * 43 | 15.9 | 5.3 | | | | | | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZYRYANKA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25400 JUL 2006 6544N 15050E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24470 | 0 | -46.1 | 16.0 | 0 | 91 | 93 | 5 | 030 | 21096 | 0 | -48.5 | 15.2 | 0 | 36 | 143 | 1 | 030 | 21096 | 0 | -48.5 | 15.2 | 0 | 36 | 143 | 1 | | | | | | | | | | | | |
| 050 | 21096 | 0 | -48.5 | 15.2 | 0 | 91 | 93 | 5 | 050 | 21139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | |
|---|--------|--------------|-------|----------------------|--------------|-------------|-----------|-------|---|--------|--------------|-------------|----------------------|--------------|------------|-------------|-------|---|--------|--------------|------|----------------------|--------------|------------|-----------|-------------|-----|---|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) OMSK 28698 JUL 2006 5456N 07324E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (ASIA) KOLPASEVO 29231 JUL 2006 5819N 08257E OB 3 | | | | | | | | | ASIA - RUSSIAN FEDERATION (ASIA) EMEL'JANOVO 29572 JUL 2006 5611N 09237E OB 0 | | | | | | | | | | | |
| 030 | | | -48.6 | | | | | | 030 | | | -49.3 | 13.5 | | 9 | 50 | 121 | | 030 | | | -47.4 | 25.6 | | 0 | 95 | 88 | 6 | |
| 050 | 21200 | 27 | -47.9 | | | 9 | 72 | 245 | 050 | 21155 | 18 | -49.1 | 12.3 | | 7 | 63 | 204 | 2 | 050 | 21108 | 0 | -50.2 | 25.7 | | 0 | 52 | 91 | 2 | |
| 100 | 16632 | 14 | -45.8 | | | 9 | 54 | 237 | 100 | 16617 | 6 | -49.1 | 10.6 | | 5 | 56 | 197 | 4 | 100 | 16597 | 0 | -51.0 | 25.4 | | 0 | 69 | 239 | 5 | |
| 150 | 13948 | 7 | -45.8 | | | 9 | 35 | 234 | 150 | 13950 | 5 | -47.1 | 7.9 | | 4 | 44 | 171 | 7 | 150 | 13946 | 0 | -48.6 | 24.9 | | 0 | 66 | 239 | 6 | |
| 200 | 12033 | 2 | -46.3 | 12.0 | | 4 | 25 | 248 | 200 | 12044 | 4 | -48.6 | 7.5 | | 4 | 45 | 164 | 9 | 200 | 12056 | 0 | -50.8 | 19.3 | | 0 | 55 | 215 | 7 | |
| 300 | 9338 | 1 | -40.8 | 7.6 | | 0 | 25 | 248 | 300 | 9353 | 4 | -40.2 | 7.5 | | 4 | 37 | 189 | 4 | 300 | 9388 | 0 | -39.8 | 9.7 | | 0 | 46 | 196 | 6 | |
| 500 | 5668 | 0 | -14.0 | 9.6 | | 0 | 29 | 253 | 500 | 5668 | 4 | -14.0 | 10.5 | | 4 | 29 | 208 | 3 | 500 | 5690 | 0 | -12.8 | 9.6 | | 0 | 35 | 180 | 3 | |
| 700 | 3040 | 1 | 1.1 | 5.1 | | 0 | 38 | 265 | 700 | 3031 | 4 | 1.5 | 8.4 | | 4 | 28 | 205 | 2 | 700 | 3043 | 0 | 2.9 | 7.1 | | 0 | 18 | 235 | 1 | |
| 850 | 1445 | 3 | 11.4 | 6.1 | | 0 | 32 | 277 | 850 | 1440 | 4 | 10.5 | 7.9 | | 4 | 28 | 205 | 2 | 850 | 1441 | 0 | 12.5 | 5.5 | | 0 | 9 | 298 | 1 | |
| 996 | * 90 | | 22.6 | 11.1 | | | | | 998 | * 75 | | 17.9 | 5.8 | | | | | 983 | * 206 | | 17.7 | 3.8 | | | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) NOVOSIBIRSK 29634 JUL 2006 5505N 08254E OB | | | | | | | | | ASIA - RUSSIAN FEDERATION (ASIA) HAKASSKAJA 29862 JUL 2006 5346N 09119E OB | | | | | | | | | ASIA - RUSSIAN FEDERATION (ASIA) KIRENSK 30230 JUL 2006 5746N 10800E OB 0 | | | | | | | | | | | |
| 030 | | | -49.5 | 12.9 | | 9 | 52 | 163 | 030 | 24409 | 15 | -48.3 | 13.0 | | 9 | 97 | 93 | 7 | 030 | 24513 | 17 | -46.8 | 15.4 | | 9 | 94 | 80 | 6 | |
| 050 | 21101 | 10 | -49.7 | 12.2 | | 0 | 78 | 235 | 050 | 21079 | 7 | -51.4 | 14.0 | | 7 | 43 | 270 | 1 | 050 | 21152 | 15 | -50.0 | 13.9 | | 9 | 79 | 56 | 4 | |
| 100 | 16593 | 0 | -49.7 | 10.8 | | 0 | 69 | 230 | 100 | 16602 | 4 | -51.7 | 12.1 | | 4 | 80 | 241 | 6 | 100 | 16602 | 15 | -51.3 | 12.1 | | 9 | 72 | 315 | 5 | |
| 150 | 13931 | 0 | -47.2 | 8.1 | | 0 | 60 | 217 | 150 | 13954 | 3 | -48.7 | 10.3 | | 3 | 76 | 240 | 9 | 150 | 13983 | 15 | -48.6 | 10.7 | | 9 | 80 | 311 | 8 | |
| 200 | 12025 | 0 | -47.6 | 8.1 | | 0 | 51 | 197 | 200 | 12061 | 3 | -49.4 | 7.3 | | 3 | 62 | 224 | 9 | 200 | 12093 | 15 | -50.3 | 8.1 | | 9 | 79 | 311 | 9 | |
| 300 | 9342 | 0 | -40.9 | 6.7 | | 0 | 51 | 197 | 300 | 9383 | 0 | -39.7 | 5.7 | | 0 | 45 | 206 | 7 | 300 | 9401 | 15 | -38.8 | 8.0 | | 9 | 71 | 312 | 8 | |
| 500 | 5666 | 0 | -14.2 | 8.3 | | 0 | 48 | 220 | 500 | 5682 | 0 | -13.1 | 5.3 | | 0 | 50 | 242 | 4 | 500 | 5694 | 14 | -12.1 | 11.2 | | 9 | 74 | 331 | 5 | |
| 700 | 3034 | 0 | 1.6 | 6.8 | | 0 | 47 | 238 | 700 | 3042 | 0 | 2.2 | 3.3 | | 0 | 59 | 278 | 3 | 700 | 3037 | 14 | 4.1 | 11.4 | | 9 | 44 | 14 | 2 | |
| 850 | 1441 | 0 | 11.5 | 6.2 | | 0 | 40 | 263 | 850 | 1443 | 0 | 12.9 | 4.0 | | 0 | 45 | 269 | 2 | 850 | 1426 | 14 | 14.9 | 12.3 | | 9 | 72 | 55 | 5 | |
| 990 | * 176 | | 19.4 | 5.6 | | | | | 978 | * 256 | | 19.6 | 3.8 | | | | | 974 | * 259 | | 20.2 | 9.0 | | | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) CHARA 30372 JUL 2006 5654N 11810E OB | | | | | | | | | ASIA - RUSSIAN FEDERATION (ASIA) CHITA 30758 JUL 2006 5205N 11320E OB 0 | | | | | | | | | ASIA - RUSSIAN FEDERATION (ASIA) ALDAN 31004 JUL 2006 5837N 12520E OB 3 | | | | | | | | | | | |
| 030 | 24497 | 0 | -46.6 | | | 0 | 96 | 78 | 030 | 24400 | 7 | -48.4 | 14.0 | | 7 | 97 | 75 | 7 | 030 | 24408 | 23 | -47.1 | 13.7 | | 9 | 96 | 66 | 8 | |
| 050 | 21131 | 0 | -49.5 | | | 0 | 84 | 62 | 050 | 21072 | 6 | -52.0 | 12.7 | | 6 | 63 | 51 | 2 | 050 | 21049 | 13 | -49.7 | 13.3 | | 9 | 84 | 58 | 4 | |
| 100 | 16604 | 0 | -50.1 | | | 0 | 62 | 321 | 100 | 16588 | 5 | -52.5 | 11.5 | | 5 | 84 | 293 | 9 | 100 | 16531 | 0 | -50.7 | 9.9 | | 0 | 46 | 317 | 2 | |
| 150 | 13946 | 0 | -48.5 | | | 0 | 64 | 307 | 150 | 13975 | 2 | -49.2 | 10.5 | | 2 | 84 | 290 | 12 | 150 | 13879 | 0 | -48.9 | 8.4 | | 0 | 56 | 292 | 5 | |
| 200 | 12057 | 0 | -50.2 | | | 0 | 52 | 313 | 200 | 12089 | 0 | -49.9 | 8.4 | | 0 | 75 | 290 | 12 | 200 | 11998 | 0 | -50.7 | 7.3 | | 0 | 48 | 272 | 6 | |
| 300 | 9376 | 0 | -39.8 | 7.0 | | 0 | 50 | 317 | 300 | 9403 | 0 | -38.5 | 8.6 | | 0 | 46 | 292 | 6 | 300 | 9323 | 0 | -41.2 | 6.8 | | 0 | 46 | 257 | 4 | |
| 500 | 5682 | 0 | -13.1 | 9.9 | | 0 | 61 | 331 | 500 | 5693 | 0 | -11.2 | 11.0 | | 0 | 30 | 346 | 2 | 500 | 5656 | 0 | -13.8 | 8.5 | | 0 | 44 | 293 | 4 | |
| 700 | 3040 | 0 | 2.2 | 5.3 | | 0 | 48 | 342 | 700 | 3042 | 0 | 4.2 | 5.3 | | 0 | 33 | 25 | 2 | 700 | 3028 | 0 | 1.7 | 4.8 | | 0 | 41 | 320 | 3 | |
| 850 | 1438 | 0 | 13.6 | 10.1 | | 0 | 48 | 52 | 850 | 1434 | 0 | 16.2 | 11.2 | | 0 | 22 | 69 | 1 | 850 | 1439 | 0 | 12.4 | 6.1 | | 0 | 31 | 354 | 2 | |
| 926 | * 711 | | 17.0 | 9.5 | | | | | 930 | * 671 | | 19.8 | 10.2 | | | | | 930 | * 679 | | 16.3 | 5.4 | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OHOTSK | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31088 JUL 2006 5922N 14310E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24437 | 26 | -44.7 | 14.3 | 9 | 98 | 86 | 5 | 030 | 24321 | 18 | -48.1 | 19.7 | 9 | 97 | 76 | 6 | 030 | 24321 | 18 | -48.1 | 19.7 | 9 | 97 | 76 | 6 | |
| 050 | 21047 | 16 | -48.4 | 12.3 | 9 | 90 | 62 | 3 | 050 | 20994 | 11 | -52.0 | 17.4 | 9 | 76 | 59 | 3 | 050 | 20994 | 11 | -52.0 | 17.4 | 9 | 76 | 59 | 3 | |
| 100 | 16515 | 4 | -50.5 | 10.1 | 4 | 71 | 318 | 4 | 100 | 16546 | 23 | -51.8 | 9 | 75 | 310 | 4 | 100 | 16535 | 6 | -54.2 | 12.9 | 6 | 77 | 285 | 7 | | |
| 150 | 13864 | 2 | -49.5 | 8.8 | 2 | 57 | 299 | 5 | 150 | 13921 | 22 | -50.0 | 9 | 76 | 302 | 8 | 150 | 13929 | 2 | -52.1 | 10.7 | 2 | 83 | 276 | 12 | | |
| 200 | 11992 | 1 | -52.7 | 7.2 | 1 | 44 | 281 | 7 | 200 | 12055 | 20 | -53.5 | 9 | 48 | 312 | 8 | 200 | 12068 | 1 | -52.5 | 9.0 | 1 | 70 | 259 | 11 | | |
| 300 | 9316 | 0 | -39.7 | 7.8 | 0 | 35 | 261 | 7 | 300 | 9361 | 17 | -39.4 | 7.1 | 9 | 60 | 300 | 11 | 300 | 9396 | 2 | -38.3 | 8.6 | 1 | 49 | 247 | 7 | |
| 500 | 5636 | 0 | -13.6 | 9.4 | 0 | 24 | 263 | 3 | 500 | 5662 | 12 | -13.3 | 9.4 | 9 | 47 | 304 | 4 | 500 | 5679 | 1 | -10.8 | 10.2 | 0 | 42 | 246 | 4 | |
| 700 | 3009 | 0 | 1.4 | 6.1 | 0 | 14 | 176 | 1 | 700 | 3018 | 11 | 1.5 | 6.8 | 9 | 34 | 318 | 2 | 700 | 3017 | 0 | 5.0 | 6.5 | 0 | 24 | 211 | 2 | |
| 850 | 1424 | 0 | 10.3 | 7.3 | 0 | 20 | 147 | 1 | 850 | 1428 | 11 | 10.4 | 6.7 | 9 | 25 | 30 | 1 | 850 | 1410 | 0 | 15.0 | 6.0 | 0 | 12 | 172 | 1 | |
| 1008 | * 6 | | 12.3 | 2.2 | | | | | 1007 | * 8 | | 14.0 | 3.1 | | | | | 983 | * 177 | | 21.3 | 4.9 | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AYAN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31168 JUL 2006 5627N 13800E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24437 | 26 | -44.7 | 14.3 | 9 | 98 | 86 | 5 | 030 | 24321 | 18 | -48.1 | 19.7 | 9 | 97 | 76 | 6 | 030 | 24321 | 18 | -48.1 | 19.7 | 9 | 97 | 76 | 6 | |
| 050 | 21047 | 16 | -48.4 | 12.3 | 9 | 90 | 62 | 3 | 050 | 20994 | 11 | -52.0 | 17.4 | 9 | 76 | 59 | 3 | 050 | 20994 | 11 | -52.0 | 17.4 | 9 | 76 | 59 | 3 | |
| 100 | 16515 | 4 | -50.5 | 10.1 | 4 | 71 | 318 | 4 | 100 | 16546 | 23 | -51.8 | 9 | 75 | 310 | 4 | 100 | 16535 | 6 | -54.2 | 12.9 | 6 | 77 | 285 | 7 | | |
| 150 | 13864 | 2 | -49.5 | 8.8 | 2 | 57 | 299 | 5 | 150 | 13921 | 22 | -50.0 | 9 | 76 | 302 | 8 | 150 | 13929 | 2 | -52.1 | 10.7 | 2 | 83 | 276 | 12 | | |
| 200 | 11992 | 1 | -52.7 | 7.2 | 1 | 44 | 281 | 7 | 200 | 12055 | 20 | -53.5 | 9 | 48 | 312 | 8 | 200 | 12068 | 1 | -52.5 | 9.0 | 1 | 70 | 259 | 11 | | |
| 300 | 9316 | 0 | -39.7 | 7.8 | 0 | 35 | 261 | 7 | 300 | 9361 | 17 | -39.4 | 7.1 | 9 | 60 | 300 | 11 | 300 | 9396 | 2 | -38.3 | 8.6 | 1 | 49 | 247 | 7 | |
| 500 | 5636 | 0 | -13.6 | 9.4 | 0 | 24 | 263 | 3 | 500 | 5662 | 12 | -13.3 | 9.4 | 9 | 47 | 304 | 4 | 500 | 5679 | 1 | -10.8 | 10.2 | 0 | 42 | 246 | 4 | |
| 700 | 3009 | 0 | 1.4 | 6.1 | 0 | 14 | 176 | 1 | 700 | 3018 | 11 | 1.5 | 6.8 | 9 | 34 | 318 | 2 | 700 | 3017 | 0 | 5.0 | 6.5 | 0 | 24 | 211 | 2 | |
| 850 | 1424 | 0 | 10.3 | 7.3 | 0 | 20 | 147 | 1 | 850 | 1428 | 11 | 10.4 | 6.7 | 9 | 25 | 30 | 1 | 850 | 1410 | 0 | 15.0 | 6.0 | 0 | 12 | 172 | 1 | |
| 1008 | * 6 | | 12.3 | 2.2 | | | | | 1007 | * 8 | | 14.0 | 3.1 | | | | | 983 | * 177 | | 21.3 | 4.9 | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALEKSANDROVSK-SAHALINSKIJ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32061 JUL 2006 5054N 14210E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24355 | 8 | -49.5 | 18.9 | 8 | 97 | 82 | 7 | 030 | 24286 | 9 | -51.1 | 14.0 | 9 | 98 | 84 | 9 | 030 | 24353 | 17 | -48.9 | 11.9 | 9 | 97 | 82 | 7 | |
| 050 | 21041 | 1 | -53.2 | 15.5 | 1 | 80 | 54 | 3 | 050 | 20983 | 7 | -56.2 | 12.3 | 7 | 89 | 52 | 4 | 050 | 21028 | 7 | -51.7 | 12.4 | 7 | 74 | 58 | 3 | |
| 100 | 16616 | 0 | -54.9 | 12.2 | 0 | 89 | 288 | 9 | 100 | 16672 | 4 | -60.0 | 11.2 | 4 | 92 | 287 | 14 | 100 | 16563 | 0 | -53.7 | 9.7 | 0 | 88 | 301 | 7 | |
| 150 | 14017 | 0 | -52.6 | 9.5 | 0 | 89 | 278 | 12 | 150 | 14120 | 2 | -54.2 | 10.6 | 2 | 94 | 281 | 24 | 150 | 13951 | 0 | -52.0 | 8.0 | 0 | 84 | 293 | 9 | |
| 200 | 12163 | 0 | -51.7 | 7.8 | 0 | 71 | 273 | 11 | 200 | 12263 | 1 | -49.3 | 9.3 | 0 | 92 | 273 | 28 | 200 | 12104 | 0 | -54.8 | 6.6 | 0 | 55 | 298 | 10 | |
| 300 | 9466 | 0 | -36.1 | 7.9 | 0 | 29 | 277 | 3 | 300 | 9526 | 0 | -33.5 | 10.4 | 0 | 86 | 269 | 18 | 300 | 9426 | 0 | -36.8 | 7.3 | 0 | 39 | 312 | 6 | |
| 500 | 5722 | 0 | -9.1 | 13.9 | 0 | 41 | 250 | 4 | 500 | 5756 | 0 | -7.6 | 14.4 | 0 | 69 | 268 | 8 | 500 | 5696 | 0 | -10.4 | 10.4 | 0 | 36 | 293 | 4 | |
| 700 | 3050 | 0 | 6.0 | 6.9 | 0 | 35 | 235 | 2 | 700 | 3070 | 0 | 7.3 | 7.6 | 0 | 47 | 269 | 3 | 700 | 3039 | 0 | 4.5 | 6.9 | 0 | 30 | 273 | 3 | |
| 850 | 1436 | 0 | 16.9 | 6.3 | 0 | 49 | 240 | 3 | 850 | 1452 | 0 | 16.5 | 6.2 | 0 | 42 | 232 | 2 | 850 | 1437 | 0 | 13.0 | 5.3 | 0 | 38 | 208 | 3 | |
| 996 | * 72 | | 21.8 | 3.7 | | | | | 997 | * 82 | | 20.2 | 3.5 | | | | | 1005 | * 31 | | 16.3 | 2.8 | | | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KLUUCHI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32389 JUL 2006 5619N 16050E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24349 | 7 | -47.0 | 18.4 | 7 | 97 | 90 | 6 | 030 | 24349 | 7 | -49.3 | 17.5 | 4 | 74 | 93 | 3 | 050 | 21016 | 7 | -50.5 | 15.8 | 7 | 55 | 85 | 2 | |
| 050 | 20987 | 4 | -49.3 | 17.5 | 4 | 74 | 93 | 3 | 100 | 16468 | 4 | -50.7 | 12.4 | 4 | 31 | 337 | 2 | 100 | 16503 | 1 | -51.4 | 12.8 | 1 | 52 | 291 | 3 | |
| 100 | 16576 | 0 | -56.0 | 9.7 | 0 | 89 | 292 | 10 | 150 | 13830 | 2 | -49.9 | 9.4 | 2 | 40 | 332 | 3 | 150 | 13863 | 0 | -49.7 | 10.0 | 0 | 65 | 300 | 6 | |
| 150 | 13983 | 0 | -53.4 | 8.9 | 0 | 89 | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|----|-----|----|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | |
| ASIA - RUSSIAN FEDERATION (ASIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ORENBURG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35121 JUL 2006 5141N 05506E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24409 | 1 | -47.3 | 18.5 | | 1 | 92 | 78 | 5 | 030 | 24123 | 11 | -54.3 | 28.4 | | 9 | 99 | 89 | 19 | 030 | 24132 | 8 | -53.8 | 29.9 | | 8 | 98 | 91 | 19 |
| 050 | 21070 | 0 | -50.9 | 16.9 | | 0 | 13 | 249 | | 050 | 20909 | 10 | -63.9 | 22.9 | | 9 | 98 | 93 | 17 | 050 | 20914 | 7 | -62.8 | 25.0 | | 7 | 97 | 99 | 15 |
| 100 | 16588 | 0 | -51.6 | 16.7 | | 0 | 91 | 272 | 15 | 100 | 16852 | 6 | -76.8 | 11.5 | | 7 | 94 | 113 | 15 | 100 | 16841 | 6 | -76.0 | 12.5 | | 6 | 94 | 129 | 14 |
| 150 | 13938 | 0 | -47.2 | 16.1 | | 0 | 95 | 270 | 22 | 150 | 14434 | 5 | -61.0 | 16.9 | | 6 | 82 | 109 | 12 | 150 | 14423 | 6 | -61.5 | 17.4 | | 6 | 87 | 149 | 12 |
| 200 | 12025 | 0 | -44.8 | 13.2 | | 0 | 91 | 269 | 23 | 200 | 12587 | 5 | -46.9 | 21.7 | | 5 | 73 | 116 | 8 | 200 | 12580 | 5 | -47.3 | 24.2 | | 5 | 76 | 155 | 7 |
| 300 | 9325 | 0 | -41.6 | 9.7 | | 0 | 77 | 271 | 16 | 300 | 9780 | 5 | -26.4 | 26.1 | | 6 | 58 | 124 | 4 | 300 | 9781 | 5 | -27.0 | 29.1 | | 5 | 68 | 199 | 4 |
| 500 | 5673 | 0 | -15.1 | 12.8 | | 0 | 70 | 276 | 10 | 500 | 5892 | 5 | -1.8 | 31.0 | | 5 | 33 | 207 | 2 | 500 | 5897 | 5 | -1.5 | 36.6 | | 5 | 75 | 244 | 5 |
| 700 | 3057 | 0 | .5 | 7.7 | | 0 | 67 | 284 | 7 | 700 | 3137 | 5 | 16.2 | 27.0 | | 5 | 79 | 298 | 8 | 700 | 3149 | 5 | 12.5 | 18.6 | | 5 | 61 | 189 | 5 |
| 850 | 1475 | 0 | 11.2 | 7.6 | | 0 | 57 | 292 | 5 | 850 | 1453 | 5 | 29.3 | 29.4 | | 5 | 94 | 328 | 8 | 850 | 1486 | 5 | 24.7 | 20.1 | | 5 | 78 | 331 | 5 |
| 997 | * 117 | | 19.7 | 10.8 | | | | | | 960 | * 358 | | 37.3 | 34.3 | | | | | | 922 | * 778 | | 31.1 | 19.4 | | | | | |
| ASIA - SAUDI ARABIA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AL-QAISUMAH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40373 JUL 2006 2819N 04608E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24409 | 11 | -54.3 | 28.4 | | 9 | 99 | 89 | 19 | 030 | 24132 | 8 | -53.8 | 29.9 | | 8 | 98 | 91 | 19 | 030 | 24132 | 8 | -53.8 | 29.9 | | 8 | 98 | 91 | 19 |
| 050 | 20909 | 10 | -63.9 | 22.9 | | 9 | 98 | 93 | 17 | 050 | 20914 | 7 | -62.8 | 25.0 | | 7 | 97 | 99 | 15 | 050 | 20914 | 7 | -62.8 | 25.0 | | 7 | 97 | 99 | 15 |
| 100 | 16852 | 6 | -76.8 | 11.5 | | 7 | 94 | 113 | 15 | 100 | 16841 | 6 | -76.0 | 12.5 | | 6 | 94 | 129 | 14 | 100 | 16841 | 6 | -76.0 | 12.5 | | 6 | 94 | 129 | 14 |
| 150 | 14434 | 5 | -61.0 | 16.9 | | 6 | 82 | 109 | 12 | 150 | 14423 | 6 | -61.5 | 17.4 | | 6 | 87 | 149 | 12 | 150 | 14423 | 6 | -61.5 | 17.4 | | 6 | 87 | 149 | 12 |
| 200 | 12587 | 5 | -46.9 | 21.7 | | 5 | 73 | 116 | 8 | 200 | 12580 | 5 | -47.3 | 24.2 | | 5 | 76 | 155 | 7 | 200 | 12580 | 5 | -47.3 | 24.2 | | 5 | 76 | 155 | 7 |
| 300 | 9780 | 5 | -26.4 | 26.1 | | 6 | 58 | 124 | 4 | 300 | 9781 | 5 | -27.0 | 29.1 | | 5 | 68 | 199 | 4 | 300 | 9781 | 5 | -27.0 | 29.1 | | 5 | 68 | 199 | 4 |
| 500 | 5892 | 5 | -1.8 | 31.0 | | 5 | 33 | 207 | 2 | 500 | 5897 | 5 | -1.5 | 36.6 | | 5 | 75 | 244 | 5 | 500 | 5897 | 5 | -1.5 | 36.6 | | 5 | 75 | 244 | 5 |
| 700 | 3137 | 5 | 16.2 | 27.0 | | 5 | 79 | 298 | 8 | 700 | 3149 | 5 | 12.5 | 18.6 | | 5 | 61 | 189 | 5 | 700 | 3149 | 5 | 12.5 | 18.6 | | 5 | 61 | 189 | 5 |
| 850 | 1453 | 5 | 29.3 | 29.4 | | 5 | 94 | 328 | 8 | 850 | 1486 | 5 | 24.7 | 20.1 | | 5 | 78 | 331 | 5 | 850 | 1486 | 5 | 24.7 | 20.1 | | 5 | 78 | 331 | 5 |
| 997 | * 358 | | 37.3 | 34.3 | | | | | | 996 | * 22 | | 38.6 | 32.7 | | | | | | 933 | * 654 | | 36.9 | 33.6 | | | | | |
| ASIA - SAUDI ARABIA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K.F.I.A. (KING FAHAD INT. AI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40417 JUL 2006 2627N 04949E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24113 | 4 | -54.4 | 29.1 | | 4 | 98 | 91 | 21 | 030 | 24106 | 4 | -54.1 | | | 4 | 97 | 91 | 19 | 030 | 24060 | 3 | -54.6 | 29.6 | | 3 | 98 | 93 | 22 |
| 050 | 20905 | 4 | -63.6 | 23.6 | | 4 | 97 | 94 | 17 | 050 | 20895 | 4 | -63.7 | | | 4 | 98 | 89 | 18 | 050 | 20856 | 2 | -63.2 | 25.2 | | 2 | 96 | 95 | 20 |
| 100 | 16848 | 6 | -76.5 | 11.6 | | 6 | 96 | 115 | 16 | 100 | 16848 | 3 | -76.9 | | | 3 | 95 | 95 | 18 | 100 | 16804 | 0 | -77.9 | 10.1 | | 0 | 98 | 109 | 22 |
| 150 | 14431 | 5 | -61.5 | 16.3 | | 5 | 90 | 119 | 13 | 150 | 14436 | 3 | -61.3 | | | 3 | 84 | 93 | 14 | 150 | 14397 | 0 | -62.5 | 14.9 | | 0 | 94 | 114 | 14 |
| 200 | 12588 | 4 | -47.3 | 22.6 | | 4 | 81 | 125 | 8 | 200 | 12593 | 3 | -47.2 | | | 3 | 81 | 100 | 10 | 200 | 12563 | 0 | -48.3 | 19.6 | | 0 | 91 | 113 | 10 |
| 300 | 9788 | 4 | -26.7 | 28.6 | | 4 | 64 | 132 | 4 | 300 | 9788 | 3 | -26.3 | 28.8 | | 3 | 75 | 89 | 8 | 300 | 9767 | 0 | -27.0 | 25.7 | | 0 | 78 | 100 | 6 |
| 500 | 5905 | 4 | -3.3 | 25.7 | | 4 | 68 | 254 | 4 | 500 | 5907 | 3 | -3.0 | 20.6 | | 3 | 29 | 126 | 2 | 500 | 5901 | 0 | -4.7 | 19.5 | | 0 | 38 | 212 | 2 |
| 700 | 3162 | 4 | 14.9 | 19.5 | | 4 | 73 | 262 | 5 | 700 | 3144 | 3 | 17.3 | 27.2 | | 3 | 64 | 314 | 6 | 700 | 3158 | 0 | 15.2 | 19.2 | | 1 | 75 | 247 | 5 |
| 850 | 1477 | 4 | 29.9 | 29.8 | | 4 | 60 | 324 | 4 | 850 | 1457 | 3 | 29.2 | 29.2 | | 3 | 97 | 330 | 12 | 850 | 1476 | 0 | 28.7 | 26.7 | | 1 | 89 | 288 | 6 |
| 997 | * 1015 | | 33.6 | 30.5 | | | | | | 996 | * 22 | | 38.6 | 32.7 | | | | | | 933 | * 654 | | 36.9 | 33.6 | | | | | |
| ASIA - SAUDI ARABIA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JEDDAH (KING ABDUL AZIZ INT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41024 JUL 2006 2142N 03911E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24036 | 5 | -54.4 | 29.9 | | 5 | 98 | 91 | 20 | 030 | 24036 | 5 | -63.5 | 23.5 | | 5 | 97 | 94 | 22 | 050 | 20995 | 1 | -62.6 | 25.5 | | 1 | 68 | 90 | 9 |
| 050 | 20830 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | |
|--|--------|--------------|-------|----------------------|--------------|-------------|-----------|-------|--|--------|--------------|-------------|----------------------|--------------|------------|-------------|-------|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------------|--|--|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | |
| ASIA - IRAN, ISLAMIC REPUBLIC OF KERMAN 40841 JUL 2006 3015N 05658E OB 3 | | | | | | | | | ASIA - OMAN SEEB, INT'L AIRPORT 41256 JUL 2006 2335N 05817E OB 1 | | | | | | | | | ASIA - OMAN SALALAH 41316 JUL 2006 1702N 05405E OB 3 | | | | | | | | | | | |
| 030 | 24155 | 3 | -53.8 | 32.1 | 3 | 99 | 90 | 9 | 030 | 24108 | 27 | -57.0 | 3.9 | | | | | 030 | 23970 | 22 | -54.5 | 32.4 | 9 | 98 | 88 | 18 | | | |
| 050 | 20943 | 1 | -63.5 | 27.3 | 1 | 97 | 90 | 8 | 050 | 20913 | 8 | -63.7 | 18.9 | | | | | 050 | 20753 | 5 | -62.9 | 27.2 | 5 | 96 | 85 | 21 | | | |
| 100 | 16890 | 1 | -75.8 | 13.8 | 1 | 80 | 90 | 4 | 100 | 16791 | 0 | -77.6 | 7.7 | | | | | 100 | 16681 | 3 | -78.8 | 7.3 | 3 | 99 | 93 | 36 | | | |
| 150 | 14462 | 1 | -60.3 | 19.2 | 1 | 45 | 80 | 3 | 150 | 14403 | 0 | -62.5 | 10.2 | | | | | 150 | 14307 | 3 | -64.8 | 7.7 | 3 | 99 | 95 | 29 | | | |
| 200 | 12613 | 0 | -46.3 | 26.8 | 0 | 34 | 80 | 2 | 200 | 12568 | 0 | -47.7 | 12.1 | | | | | 200 | 12493 | 2 | -50.3 | 10.0 | 2 | 99 | 92 | 21 | | | |
| 300 | 9799 | 0 | -25.7 | 33.9 | 0 | 42 | 65 | 2 | 300 | 9762 | 0 | -26.6 | 20.9 | | | | | 300 | 9717 | 2 | -28.3 | 12.2 | 4 | 96 | 78 | 11 | | | |
| 500 | 5909 | 0 | -2.5 | 20.9 | 1 | 38 | 260 | 2 | 500 | 5891 | 0 | -4.2 | 12.4 | | | | | 500 | 5870 | 1 | -6.0 | 8.4 | 2 | 65 | 21 | 4 | | | |
| 700 | 3133 | | | | | | | | 700 | 3137 | 0 | 16.6 | 19.1 | 0 | 34 | 252 | 6 | 700 | 3133 | 0 | 15.2 | 16.2 | 0 | 80 | 345 | 6 | | | |
| 818 | *1754 | | | | 2 | 80 | 350 | 3 | 850 | 1443 | 0 | 29.6 | 23.4 | 1 | 66 | 276 | 7 | 850 | 1449 | 0 | 26.3 | 18.4 | 0 | 66 | 250 | 6 | | | |
| 996 | | | | | | | | | 996 | * 15 | | 31.0 | 6.9 | | | | | 1001 | * 23 | | 25.0 | 1.8 | | | | | | | |
| ASIA - PAKISTAN LAHORE CITY 41640 JUL 2006 3133N 07420E OB / | | | | | | | | | ASIA - PAKISTAN KARACHI AIRPORT 41780 JUL 2006 2454N 06708E OB 1 | | | | | | | | | ASIA - BANGLADESH DHAKA 41923 JUL 2006 2346N 09023E OB / | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 24071 | 26 | -55.9 | | 9 | 99 | 90 | 26 | | | |
| 050 | | | | | | | | | 050 | | | | | | | | | 050 | 20855 | 18 | -63.5 | | 9 | 97 | 83 | 18 | | | |
| 100 | 16685 | 3 | -75.3 | | 3 | 25 | 29 | 3 | 100 | | | | | | | | | 100 | 16784 | 15 | -77.8 | | 9 | 96 | 84 | 22 | | | |
| 150 | 14442 | 3 | -60.5 | | 3 | 43 | 281 | 5 | 150 | 14437 | 8 | -62.3 | | 9 | 95 | 100 | 14 | 150 | 14385 | 15 | -62.7 | | 9 | 96 | 81 | 18 | | | |
| 200 | 12585 | 4 | -44.7 | | 4 | 55 | 253 | 7 | 200 | 12566 | 7 | -46.9 | | 8 | 92 | 100 | 11 | 200 | 12550 | 15 | -47.7 | | 9 | 95 | 76 | 15 | | | |
| 300 | 9750 | 0 | -24.1 | | 0 | 50 | 270 | 5 | 300 | 9720 | 6 | -25.1 | | 7 | 92 | 74 | 8 | 300 | 9739 | 15 | -25.3 | 11.4 | 9 | 93 | 99 | 10 | | | |
| 500 | 5840 | 0 | -1.7 | | 0 | 23 | 311 | 2 | 500 | 5830 | 6 | -2.1 | | 7 | 69 | 43 | 6 | 500 | 5840 | 15 | -1.4 | 7.4 | 9 | 76 | 133 | 6 | | | |
| 700 | 3085 | 0 | 13.6 | 32.8 | 0 | 63 | 349 | 4 | 700 | 3079 | 6 | 16.0 | | 6 | 68 | 25 | 6 | 700 | 3085 | 15 | 12.4 | 5.3 | 9 | 61 | 133 | 5 | | | |
| 850 | 1394 | 0 | 23.4 | 34.8 | 0 | 12 | 238 | 1 | 850 | 1403 | 6 | 23.8 | | 6 | 68 | 298 | 6 | 850 | 1430 | 15 | 19.7 | 3.9 | 9 | 62 | 162 | 5 | | | |
| 974 | * 215 | | | | | | | | 995 | * 22 | | 28.6 | | | | | | 1000 | * 9 | | 27.4 | 1.9 | | | | | | | |
| ASIA - INDIA SRINAGAR 42027 JUL 2006 3405N 07450E OB 3 | | | | | | | | | ASIA - INDIA JODHPUR 42339 JUL 2006 2618N 07301E OB 3 | | | | | | | | | ASIA - INDIA LUCKNOW/AMAUSI 42369 JUL 2006 2645N 08053E OB 3 | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 24211 | 7 | -44.9 | 16.3 | 9 | 78 | 94 | 19 | | | |
| 050 | | | | | | | | | 050 | 21007 | 9 | -52.7 | 11.0 | 9 | 99 | 84 | 17 | 050 | 21048 | 4 | -54.0 | 14.5 | 4 | 71 | 95 | 13 | | | |
| 100 | | | | | | | | | 100 | 16847 | 6 | -72.6 | 10.8 | 6 | 82 | 82 | 14 | 100 | 16737 | 2 | -75.2 | 9.5 | 2 | 86 | 85 | 16 | | | |
| 150 | 12455 | 7 | -45.1 | | 9 | 83 | 255 | 13 | 150 | 14395 | 1 | -58.7 | 14.2 | 1 | 76 | 86 | 10 | 150 | 14290 | 1 | -62.7 | 10.9 | 1 | 79 | 87 | 11 | | | |
| 200 | 9691 | 2 | -26.9 | 10.6 | 9 | 80 | 245 | 12 | 200 | 12551 | 1 | -46.4 | 14.9 | 1 | 89 | 80 | 9 | 200 | 12493 | 1 | -48.7 | 12.6 | 1 | 80 | 87 | 10 | | | |
| 300 | 5826 | 1 | -3.9 | 7.8 | 9 | 26 | 225 | 11 | 300 | 9722 | 0 | -24.7 | 15.9 | 0 | 78 | 81 | 6 | 300 | 9659 | 1 | -25.5 | 13.0 | 1 | 75 | 101 | 7 | | | |
| 700 | 3082 | 1 | 14.4 | 4.8 | 9 | 47 | 290 | 2 | 700 | 3046 | 0 | 13.9 | 4.4 | 0 | 37 | 14 | 4 | 700 | 3032 | 0 | 12.0 | 2.9 | 0 | 66 | 123 | 6 | | | |
| 833 | * 1587 | | | | | | | | 850 | 1395 | 0 | 21.5 | 5.0 | 0 | 55 | 249 | 4 | 850 | 1389 | 0 | 20.1 | 2.0 | 0 | 45 | 123 | 4 | | | |
| | | | | | | | | | 972 | * 224 | | 32.2 | 9.5 | | | | | 983 | * 128 | | 29.6 | 3.0 | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| ASIA - INDIA GUWAHATI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42410 JUL 2006 2606N 09135E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | | | | | | | | | |
| 050 | | | | | | | | | 050 | | | | | | | | | 050 | 20848 | 10 | -57.0 | 11.8 | 9 | 99 | 95 | 16 | |
| 100 | | | | | | | | | 100 | | | | | | | | | 100 | 16672 | 4 | -77.0 | 8.1 | 3 | 86 | 89 | 18 | |
| 150 | 14320 | 11 | -63.0 | | 9 | 85 | 261 | 10 | 150 | 14366 | 7 | -62.7 | | | | | 150 | 14288 | 1 | -65.1 | 5.4 | 1 | 89 | 89 | 15 | | |
| 200 | 12491 | 11 | -49.0 | | 9 | 75 | 252 | 8 | 200 | 12537 | 4 | -46.0 | | | | | 200 | 12470 | 1 | -49.4 | 8.0 | 1 | 94 | 93 | 13 | | |
| 300 | 9687 | 10 | -26.2 | 10.1 | 9 | 76 | 264 | 6 | 300 | 9713 | 1 | -24.4 | 9.7 | | | | 300 | 9673 | 1 | -25.7 | 14.5 | 1 | 86 | 106 | 8 | | |
| 500 | 5793 | 10 | -1.8 | 6.4 | 9 | 58 | 295 | 3 | 500 | 5806 | 0 | -.6 | 6.2 | | | | 500 | 5787 | 1 | -1.6 | 4.8 | 1 | 59 | 123 | 5 | | |
| 700 | 3060 | 10 | 11.6 | 3.3 | 9 | 42 | 318 | 3 | 700 | 3052 | 0 | 12.9 | 3.0 | 7 | 43 | 109 | 4 | 700 | 3035 | 0 | 11.9 | 2.6 | 0 | 25 | 186 | 2 | |
| 850 | 1411 | 10 | 20.2 | 3.3 | 9 | 27 | 327 | 2 | 850 | 1432 | 0 | 20.9 | 2.3 | 2 | 54 | 104 | 5 | 850 | 1392 | 0 | 19.6 | 1.6 | 0 | 36 | 195 | 3 | |
| 994 | * 54 | | 28.7 | 3.0 | | | | | 992 | * 60 | | 28.3 | 2.1 | | | | 997 | * 6 | | 28.9 | 2.5 | | | | | | |
| ASIA - INDIA NAGPUR SONEGAON | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42867 JUL 2006 2106N 07903E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | 030 | | | | | | | | | | |
| 050 | | | | | | | | | 050 | | | | | | | | 050 | | | | | | | | | | |
| 100 | 16663 | 6 | -78.9 | | 6 | 97 | 87 | 26 | 100 | 16606 | 4 | -77.4 | | | | | 100 | 16600 | 8 | -74.5 | 9.8 | 8 | 92 | 82 | 26 | | |
| 150 | 14264 | 2 | -64.6 | | 2 | 91 | 78 | 22 | 150 | 14255 | 4 | -66.2 | | | | | 150 | 14214 | 2 | -64.7 | 11.8 | 2 | 93 | 81 | 24 | | |
| 200 | 12458 | 0 | -49.5 | 11.8 | 0 | 94 | 78 | 16 | 200 | 12450 | 3 | -50.3 | | | | | 200 | 12385 | 0 | -51.2 | 10.4 | 0 | 85 | 81 | 15 | | |
| 300 | 9667 | 0 | -26.4 | 10.6 | 0 | 88 | 77 | 8 | 300 | 9663 | 2 | -26.8 | 7.5 | 2 | 85 | 95 | 7 | 300 | 9611 | 0 | -28.0 | 12.4 | 0 | 68 | 76 | 6 | |
| 500 | 5781 | 0 | -2.6 | 6.9 | 0 | 51 | 311 | 3 | 500 | 5775 | 0 | -3.0 | 7.2 | 0 | 19 | 294 | 1 | 500 | 5758 | 0 | -3.6 | 9.5 | 0 | 61 | 263 | 5 | |
| 700 | 3044 | 0 | 10.4 | 2.2 | 0 | 82 | 285 | 8 | 700 | 3041 | 0 | 11.2 | 2.5 | 0 | 74 | 265 | 7 | 700 | 3036 | 0 | 9.9 | 6.1 | 0 | 95 | 259 | 12 | |
| 850 | 1412 | 0 | 18.4 | 2.4 | 0 | 92 | 282 | 10 | 850 | 1399 | 0 | 19.8 | 2.0 | 0 | 80 | 276 | 8 | 850 | 1411 | 0 | 16.0 | 1.7 | 0 | 97 | 254 | 13 | |
| 966 | * 310 | | 26.9 | 3.0 | | | | | 993 | * 46 | | 28.5 | 2.5 | | | | 1000 | * 14 | | 27.8 | 2.6 | | | | | | |
| ASIA - INDIA GOA/PANJIM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43192 JUL 2006 1529N 07349E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | 030 | | | | | | | | | | |
| 050 | | | | | | | | | 050 | | | | | | | | 050 | | | | | | | | | | |
| 100 | | | | | | | | | 100 | | | | | | | | 100 | 16513 | 11 | -73.4 | | 9 | 98 | 93 | 27 | | |
| 150 | | | | | | | | | 150 | 14182 | 9 | -69.7 | | | | | 150 | 14182 | 9 | -69.7 | | 9 | 97 | 84 | 30 | | |
| 200 | | | | | | | | | 200 | 12406 | 7 | -54.4 | | | | | 200 | 12406 | 7 | -54.4 | | 7 | 96 | 72 | 25 | | |
| 300 | | | | | | | | | 300 | 9648 | 7 | -30.6 | 5.3 | | | | 300 | 9648 | 7 | -30.6 | 5.3 | 7 | 90 | 82 | 11 | | |
| 500 | 5809 | 10 | -4.7 | 1.8 | 9 | 65 | 267 | 4 | 500 | 5834 | 0 | -5.5 | 13.5 | | | | 500 | 5849 | 6 | -4.6 | 7.4 | 6 | 84 | 263 | 6 | | |
| 700 | 3089 | 10 | 9.2 | 8.3 | 9 | 98 | 265 | 12 | 700 | 3118 | 0 | 9.4 | 7.7 | 2 | 96 | 278 | 12 | 700 | 3126 | 5 | 10.7 | 5.5 | 5 | 94 | 262 | 10 | |
| 850 | 1459 | 10 | 17.3 | 2.2 | 9 | 94 | 263 | 12 | 850 | 1488 | 0 | 17.2 | 2.4 | 2 | 96 | 278 | 12 | 850 | 1500 | 5 | 19.1 | 2.4 | 5 | 94 | 251 | 12 | |
| 999 | * 60 | | 27.2 | 2.2 | | | | | 1005 | * 32 | | 26.8 | 2.0 | | | | 998 | * 79 | | 26.9 | 2.0 | | | | | | |
| ASIA - INDIA MANGALORE/PANAMBUR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43285 JUL 2006 1257N 07450E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | 030 | | | | | | | | | | |
| 050 | | | | | | | | | 050 | | | | | | | | 050 | | | | | | | | | | |
| 100 | | | | | | | | | 100 | 14226 | 6 | -66.4 | | | | | 100 | 16513 | 11 | -73.4 | | 9 | 98 | 93 | 27 | | |
| 150 | | | | | | | | | 150 | 14226 | 6 | -66.4 | | | | | 150 | 14182 | 9 | -69.7 | | 9 | 97 | 84 | 30 | | |
| 200 | | | | | | | | | 200 | 12406 | 7 | -54.4 | | | | | 200 | 12406 | 7 | -54.4 | | 7 | 96 | 72 | 25 | | |
| 300 | | | | | | | | | 300 | 9675 | 0 | -29.7 | 14.0 | | | | 300 | 9648 | 7 | -30.6 | 5.3 | 7 | 90 | 82 | 11 | | |
| 500 | | | | | | | | | 500 | 5834 | 0 | -5.5 | 13.5 | | | | 500 | 5849 | 6 | -4.6 | 7.4 | 6 | 84 | 263 | 6 | | |
| 700 | | | | | | | | | 700 | 3118 | 0 | 9.4 | 7.7 | 2 | 96 | 278 | 12 | 700 | 3126 | 5 | 10.7 | 5.5 | 5 | 94 | 262 | 10 | |
| 850 | | | | | | | | | 850 | 1488 | 0 | 17.2 | 2.4 | 2 | 96 | 278 | 12 | 850 | 1500 | 5 | 19.1 | 2.4 | 5 | 94 | 251 | 12 | |
| 999 | * 60 | | 27.2 | 2.2 | | | | | 1005 | * 32 | | 26.8 | 2.0 | | | | 998 | * 79 | | 26.9 | 2.0 | | | | | | |
| ASIA - INDIA PORT BLAIR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43333 JUL 2006 1140N 09243E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | 030 | | | | | | | | | | |
| 050 | | | | | | | | | 050 | | | | | | | | 050 | | | | | | | | | | |
| 100 | | | | | | | | | 100 | 16513 | 11 | -73.4 | | | | | 100 | 16513 | 11 | -73.4 | | 9 | 98 | 93 | 27 | | |
| 150 | | | | | | | | | 150</ | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | |
|-----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | |
| ASIA - INDIA MINICOY | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43369 JUL 2006 0818N 07309E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | | | | | | | | | | |
| 050 | | | | | | | | | 050 | 20681 | 10 | -56.8 | | | | | | 050 | 21076 | 8 | -53.3 | | | | | | | |
| 100 | | | | | | | | | 100 | 16495 | 5 | -75.0 | | | | | | 100 | 16639 | 4 | -54.2 | | | | | | | |
| 150 | 14262 | 2 | -61.1 | | | | | | 150 | 14120 | 1 | -71.0 | | | | | | 150 | 14016 | 4 | -49.5 | | | | | | | |
| 200 | 12425 | 0 | -52.2 | | | | | | 200 | 12354 | 1 | -56.1 | | | | | | 200 | 12120 | 4 | -47.0 | | | | | | | |
| 300 | 9674 | 0 | -31.5 | 12.0 | | | | | 300 | 9644 | 1 | -32.8 | 9.6 | | | | | 300 | 9418 | 4 | -39.8 | 10.2 | | | | | | |
| 500 | 5838 | 0 | -4.6 | 15.3 | | | | | 500 | 5836 | 1 | -5.5 | 9.8 | | | | | 500 | 5724 | 3 | -12.6 | 8.5 | | | | | | |
| 700 | 3120 | 0 | 9.8 | 11.8 | | | | | 700 | 3122 | 1 | 9.7 | 8.1 | | | | | 700 | 3066 | 3 | 5.7 | 5.7 | | | | | | |
| 850 | 1489 | 0 | 17.5 | 5.5 | | | | | 850 | 1487 | 1 | 17.9 | 3.6 | | | | | 850 | 1440 | 3 | 18.2 | 11.8 | | | | | | |
| 1009 | * 2 | | 28.6 | 3.2 | | | | | 1009 | * | 64 | | 26.6 | 3.0 | | | | 1009 | * | 940 | | 22.6 | 14.9 | | | | | |
| ASIA - MONGOLIA MUREN | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44231 JUL 2006 4938N 10010E OB | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24366 | 3 | -48.8 | | | | | | 030 | 24403 | 12 | -49.5 | | | | | | 030 | 24026 | 7 | -53.5 | 32.4 | | | | | | |
| 050 | 21053 | 2 | -53.5 | | | | | | 050 | 21100 | 6 | -54.7 | | | | | | 050 | 20817 | 2 | -63.8 | 27.3 | | | | | | |
| 100 | 16629 | 2 | -54.8 | | | | | | 100 | 16689 | 0 | -56.0 | | | | | | 100 | 16730 | 2 | -77.2 | 10.2 | | | | | | |
| 150 | 14015 | 2 | -50.1 | | | | | | 150 | 14087 | 0 | -51.0 | | | | | | 150 | 14341 | 1 | -64.5 | 8.8 | | | | | | |
| 200 | 12126 | 1 | -48.3 | | | | | | 200 | 12197 | 0 | -47.6 | | | | | | 200 | 12522 | 0 | -49.2 | 11.3 | | | | | | |
| 300 | 9426 | 0 | -37.9 | 12.8 | | | | | 300 | 9474 | 0 | -36.3 | 7.1 | | | | | 300 | 9730 | 0 | -27.1 | 14.1 | | | | | | |
| 500 | 5712 | 0 | -11.7 | 10.0 | | | | | 500 | 5736 | 0 | -10.3 | 9.3 | | | | | 500 | 5865 | 0 | -3.3 | 8.5 | | | | | | |
| 700 | 3053 | 0 | 4.6 | 5.2 | | | | | 700 | 3068 | 0 | 5.8 | 7.0 | | | | | 700 | 3121 | 0 | 12.0 | 5.8 | | | | | | |
| 850 | 1442 | 0 | 13.3 | 5.0 | | | | | 850 | 1444 | 0 | 16.2 | 8.6 | | | | | 850 | 1466 | 0 | 19.9 | 2.8 | | | | | | |
| 866 | *1285 | | 14.3 | 4.1 | | | | | 864 | *1307 | | 17.6 | 8.1 | | | | | 864 | *66 | | 27.8 | 2.3 | | | | | | |
| ASIA - DPR KOREA PYONGYANG | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47058 JUL 2006 3902N 12540E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | 24240 | 0 | -52.1 | | | | | | 030 | 24225 | 2 | -52.0 | 28.8 | | | | | | |
| 050 | 21262 | 9 | -57.0 | 8.0 | | | | | 050 | 20980 | 0 | -58.8 | | | | | | 050 | 20956 | 1 | -59.0 | 24.0 | | | | | | |
| 100 | 16820 | 2 | -58.9 | 9.1 | | | | | 100 | 16742 | 0 | -67.2 | | | | | | 100 | 16722 | 0 | -68.0 | 20.0 | | | | | | |
| 150 | 14350 | 1 | -54.6 | 7.9 | | | | | 150 | 14258 | 0 | -59.3 | | | | | | 150 | 14244 | 0 | -60.1 | 20.6 | | | | | | |
| 200 | 12471 | 0 | -45.6 | 8.2 | | | | | 200 | 12416 | 0 | -49.3 | | | | | | 200 | 12408 | 0 | -49.5 | 20.3 | | | | | | |
| 300 | 9667 | 0 | -27.3 | 8.2 | | | | | 300 | 9642 | 0 | -29.2 | 18.8 | | | | | 300 | 9628 | 0 | -28.6 | 15.6 | | | | | | |
| 500 | 5813 | 0 | -4.4 | 9.6 | | | | | 500 | 5805 | 0 | -4.8 | 17.3 | | | | | 500 | 5786 | 0 | -4.6 | 11.9 | | | | | | |
| 700 | 3094 | 0 | 9.0 | 6.5 | | | | | 700 | 3086 | 0 | 9.2 | 9.0 | | | | | 700 | 3069 | 0 | 9.3 | 6.0 | | | | | | |
| 850 | 1463 | 0 | 16.0 | 3.8 | | | | | 850 | 1451 | 0 | 16.6 | 6.2 | | | | | 850 | 1441 | 0 | 16.5 | 3.1 | | | | | | |
| 1003 | * 36 | | 22.9 | 2.6 | | | | | 988 | * 158 | | 21.1 | 2.8 | | | | | 1000 | * 52 | | 22.9 | 2.5 | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | | | | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps |
| ASIA - REPUBLIC OF KOREA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POHANG | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47138 JUL 2006 3602N 12920E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24218 | 0 | -52.1 | | 0 | 98 | 87 | 13 | 030 | 24211 | 2 | -52.3 | 28.3 | 2 | 99 | 84 | 14 | 030 | 24183 | 0 | -53.1 | | 0 | 99 | 87 | 16 |
| 050 | 20967 | 0 | -59.4 | | 0 | 96 | 81 | 9 | 050 | 20957 | 1 | -59.4 | 22.9 | 1 | 97 | 81 | 9 | 050 | 20944 | 0 | -60.6 | | 0 | 98 | 84 | 11 |
| 100 | 16750 | 0 | -69.1 | | 0 | 78 | 303 | 10 | 100 | 16751 | 1 | -70.0 | 20.1 | 1 | 77 | 310 | 9 | 100 | 16776 | 0 | -72.0 | | 0 | 61 | 340 | 7 |
| 150 | 14291 | 0 | -61.4 | | 0 | 88 | 279 | 21 | 150 | 14297 | 0 | -61.1 | 19.7 | 0 | 82 | 282 | 17 | 150 | 14342 | 0 | -62.3 | | 0 | 70 | 287 | 12 |
| 200 | 12461 | 0 | -49.6 | | 0 | 90 | 270 | 24 | 200 | 12461 | 0 | -49.1 | 18.2 | 0 | 84 | 270 | 19 | 200 | 12513 | 0 | -49.2 | | 0 | 72 | 276 | 12 |
| 300 | 9682 | 0 | -28.7 | 14.1 | 0 | 93 | 265 | 20 | 300 | 9674 | 0 | -27.8 | 18.4 | 0 | 89 | 264 | 15 | 300 | 9725 | 0 | -27.4 | 15.2 | 0 | 86 | 262 | 13 |
| 500 | 5835 | 0 | -4.6 | 11.8 | 0 | 95 | 263 | 15 | 500 | 5815 | 0 | -3.7 | 13.9 | 0 | 90 | 257 | 13 | 500 | 5858 | 0 | -3.2 | 11.4 | 0 | 87 | 251 | 12 |
| 700 | 3110 | 0 | 9.8 | 7.3 | 0 | 92 | 257 | 11 | 700 | 3088 | 0 | 10.3 | 5.8 | 0 | 85 | 247 | 11 | 700 | 3119 | 0 | 11.3 | 7.7 | 0 | 83 | 239 | 12 |
| 850 | 1470 | 0 | 17.4 | 6.3 | 0 | 68 | 247 | 6 | 850 | 1453 | 0 | 17.8 | 4.5 | 0 | 73 | 224 | 7 | 850 | 1469 | 0 | 19.4 | 6.6 | 0 | 77 | 225 | 9 |
| 1007 | * 4 | | 22.9 | 2.6 | | | | | 1005 | * 13 | | 24.2 | 2.0 | | | | | 998 | * 73 | | 24.6 | 3.1 | | | | |
| ASIA - JAPAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WAKKANAI | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47401 JUL 2006 4525N 14140E OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24327 | 7 | -49.4 | | 7 | 97 | 82 | 8 | 030 | 24309 | 2 | -50.1 | | 3 | 97 | 80 | 9 | 030 | 24306 | 2 | -49.9 | | 4 | 98 | 84 | 9 |
| 050 | 21018 | 1 | -53.8 | | 4 | 90 | 55 | 4 | 050 | 21010 | 1 | -55.3 | | 2 | 87 | 62 | 4 | 050 | 21005 | 0 | -54.4 | | 0 | 88 | 63 | 4 |
| 100 | 16613 | 0 | -57.4 | | 0 | 89 | 292 | 11 | 100 | 16642 | 0 | -59.6 | | 0 | 88 | 290 | 13 | 100 | 16625 | 0 | -59.1 | | 0 | 82 | 288 | 12 |
| 150 | 14033 | 0 | -53.8 | | 0 | 90 | 282 | 18 | 150 | 14087 | 0 | -55.2 | | 0 | 90 | 281 | 23 | 150 | 14066 | 0 | -55.1 | | 0 | 87 | 281 | 22 |
| 200 | 12175 | 0 | -50.5 | | 0 | 89 | 282 | 19 | 200 | 12233 | 0 | -50.5 | | 0 | 88 | 278 | 27 | 200 | 12218 | 0 | -51.2 | | 0 | 86 | 275 | 28 |
| 300 | 9472 | 0 | -36.7 | | 0 | 79 | 286 | 11 | 300 | 9509 | 0 | -35.1 | 10.5 | 0 | 84 | 275 | 16 | 300 | 9499 | 0 | -35.3 | 11.9 | 0 | 83 | 277 | 18 |
| 500 | 5734 | 0 | -10.1 | 14.8 | 0 | 68 | 282 | 5 | 500 | 5752 | 0 | -9.2 | 14.9 | 0 | 71 | 272 | 7 | 500 | 5747 | 0 | -9.6 | 13.0 | 0 | 81 | 280 | 8 |
| 700 | 3067 | 0 | 4.5 | 7.7 | 0 | 45 | 279 | 3 | 700 | 3074 | 0 | 5.5 | 8.4 | 1 | 43 | 250 | 3 | 700 | 3073 | 0 | 4.7 | 9.0 | 0 | 48 | 276 | 3 |
| 850 | 1459 | 0 | 13.1 | 6.2 | 0 | 53 | 241 | 3 | 850 | 1462 | 0 | 13.1 | 4.5 | 1 | 47 | 176 | 3 | 850 | 1466 | 0 | 12.3 | 3.9 | 1 | 41 | 261 | 3 |
| 1008 | * 12 | | 17.9 | 2.2 | | | | | 1006 | * 26 | | 19.6 | 4.9 | | | | | 1007 | * 39 | | 13.3 | 1.5 | | | | |
| ASIA - JAPAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AKITA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47582 JUL 2006 3943N 14000E OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24262 | 1 | -51.1 | | 3 | 99 | 82 | 11 | 030 | 24242 | 5 | -51.6 | | 5 | 99 | 85 | 12 | 030 | 24240 | 7 | -52.1 | | 8 | 99 | 82 | 13 |
| 050 | 20984 | 0 | -56.8 | | 0 | 93 | 70 | 5 | 050 | 20974 | 4 | -57.7 | | 5 | 94 | 72 | 6 | 050 | 20975 | 2 | -58.2 | | 5 | 94 | 75 | 6 |
| 100 | 16681 | 0 | -63.9 | | 0 | 85 | 291 | 13 | 100 | 16698 | 0 | -66.1 | | 0 | 80 | 293 | 12 | 100 | 16724 | 0 | -67.6 | | 0 | 80 | 294 | 12 |
| 150 | 14174 | 0 | -58.8 | | 0 | 92 | 279 | 28 | 150 | 14217 | 0 | -61.0 | | 0 | 88 | 282 | 28 | 150 | 14256 | 0 | -61.2 | | 0 | 91 | 280 | 26 |
| 200 | 12336 | 0 | -49.9 | | 0 | 88 | 276 | 35 | 200 | 12391 | 0 | -50.4 | | 0 | 87 | 277 | 33 | 200 | 12429 | 0 | -50.1 | | 0 | 91 | 274 | 29 |
| 300 | 9580 | 0 | -31.9 | 9.6 | 0 | 90 | 278 | 25 | 300 | 9626 | 0 | -30.0 | 10.0 | 0 | 90 | 274 | 27 | 300 | 9658 | 0 | -29.1 | 7.6 | 0 | 94 | 275 | 25 |
| 500 | 5780 | 0 | -7.2 | 10.2 | 0 | 90 | 273 | 12 | 500 | 5803 | 0 | -6.0 | 10.9 | 0 | 90 | 269 | 15 | 500 | 5821 | 0 | -5.2 | 8.9 | 0 | 95 | 271 | 16 |
| 700 | 3087 | 0 | 6.5 | 4.9 | 0 | 75 | 262 | 7 | 700 | 3099 | 0 | 7.2 | 4.2 | 0 | 89 | 277 | 10 | 700 | 3109 | 0 | 8.2 | 5.0 | 0 | 93 | 263 | 11 |
| 850 | 1467 | 0 | 14.3 | 2.1 | 0 | 68 | 220 | 5 | 850 | 1476 | 0 | 14.8 | 2.3 | 0 | 66 | 263 | 5 | 850 | 1478 | 0 | 16.2 | 3.1 | 0 | 89 | 252 | 9 |
| 1008 | * 7 | | 22.1 | 3.2 | | | | | 1004 | * 44 | | 21.2 | 1.9 | | | | | 1007 | * 15 | | 22.4 | 2.4 | | | | |
| ASIA - JAPAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SENDAI | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47590 JUL 2006 3816N 14050E OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24242 | 5 | -51.6 | | 5 | 99 | 85 | 12 | 030 | 24240 | 7 | -52.1 | | 8 | 99 | 82 | 13 | 030 | 24240 | 7 | -52.1 | | 8 | 99 | 82 | 13 |
| 050 | 20974 | 4 | -57.7 | | 5 | 94 | 72 | 6 | 050 | 20975 | 2 | -58.2 | | 5 | 94 | 75 | 6 | 050 | 20975 | 2 | -58.2 | | 5 | 94 | 75 | 6 |
| 100 | 16698 | 0 | -66.1 | | 0 | 80 | 293 | 12 | 100 | 16724 | 0 | -67.6 | | 0 | 80 | 294 | 12 | 100 | 16724 | 0 | -67.6 | | 0 | 80 | 294 | 12 |
| 150 | 14217 | 0 | -61.0 | | 0 | 88 | 282 | 28 | 150 | 14256 | 0 | -61.2 | | 0 | 88 | 280 | 26 | 150 | 14256 | 0 | -61.2 | | 0 | 91 | 280 | 26 |
| 200 | 12391 | 0 | -50.4 | | 0 | 87 | 277 | 33 | 200 | 12429 | 0 | -50.1 | | 0 | 87 | 274 | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|----------|-------------|--------------|-------------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps |
| ASIA - JAPAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TATENO | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47646 JUL 2006 3603N 14000E OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24221 | 7 | -52.5 | | 7 | 99 | 84 | 13 | 030 | 24189 | 5 | -52.8 | | 5 | 98 | 84 | 15 | 030 | 24203 | 5 | -53.0 | | 5 | 99 | 83 | 13 |
| 050 | 20965 | 6 | -58.7 | | 6 | 98 | 75 | 8 | 050 | 20944 | 5 | -59.1 | | 5 | 97 | 78 | 10 | 050 | 20958 | 4 | -59.7 | | 4 | 98 | 78 | 8 |
| 100 | 16726 | 0 | -69.1 | | 0 | 75 | 308 | 10 | 100 | 16744 | 0 | -71.8 | | 0 | 60 | 344 | 6 | 100 | 16748 | 0 | -70.1 | | 0 | 72 | 308 | 9 |
| 150 | 14279 | 0 | -63.0 | | 0 | 86 | 289 | 23 | 150 | 14327 | 0 | -64.5 | | 0 | 79 | 307 | 15 | 150 | 14302 | 0 | -62.5 | | 0 | 87 | 281 | 21 |
| 200 | 12461 | 0 | -50.5 | | 0 | 84 | 280 | 25 | 200 | 12516 | 0 | -50.9 | | 0 | 78 | 297 | 14 | 200 | 12478 | 0 | -49.8 | | 0 | 88 | 276 | 22 |
| 300 | 9689 | 0 | -28.8 | 7.8 | 0 | 90 | 276 | 23 | 300 | 9742 | 0 | -28.4 | 8.1 | 0 | 85 | 281 | 13 | 300 | 9699 | 0 | -28.0 | 9.3 | 0 | 93 | 268 | 20 |
| 500 | 5845 | 0 | -4.6 | 9.0 | 0 | 92 | 273 | 16 | 500 | 5890 | 0 | -4.4 | 8.9 | 0 | 90 | 272 | 12 | 500 | 5849 | 0 | -4.6 | 7.8 | 0 | 92 | 261 | 14 |
| 700 | 3123 | 0 | 9.0 | 3.4 | 0 | 91 | 278 | 11 | 700 | 3160 | 0 | 10.6 | 6.2 | 0 | 89 | 269 | 11 | 700 | 3123 | 0 | 9.5 | 3.8 | 0 | 93 | 260 | 13 |
| 850 | 1485 | 0 | 17.5 | 3.2 | 0 | 65 | 275 | 4 | 850 | 1512 | 0 | 19.7 | 5.8 | 0 | 87 | 267 | 11 | 850 | 1484 | 0 | 17.3 | 2.4 | 0 | 91 | 247 | 9 |
| 1005 | * 31 | | 23.2 | 1.7 | | | | | 992 | * 156 | | 25.3 | 1.1 | | | | | 1007 | * 9 | | 25.4 | 3.7 | | | | |
| ASIA - JAPAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HACHIOJIMA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47678 JUL 2006 3307N 13940E OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24221 | 7 | -52.5 | | 7 | 99 | 84 | 13 | 030 | 24189 | 5 | -52.8 | | 5 | 98 | 84 | 15 | 030 | 24203 | 5 | -53.0 | | 5 | 99 | 83 | 13 |
| 050 | 20944 | 6 | -58.7 | | 6 | 98 | 75 | 8 | 050 | 20944 | 5 | -59.1 | | 5 | 97 | 78 | 10 | 050 | 20958 | 4 | -59.7 | | 4 | 98 | 78 | 8 |
| 100 | 16726 | 0 | -69.1 | | 0 | 75 | 308 | 10 | 100 | 16744 | 0 | -71.8 | | 0 | 60 | 344 | 6 | 100 | 16748 | 0 | -70.1 | | 0 | 72 | 308 | 9 |
| 150 | 14279 | 0 | -63.0 | | 0 | 86 | 289 | 23 | 150 | 14327 | 0 | -64.5 | | 0 | 79 | 307 | 15 | 150 | 14302 | 0 | -62.5 | | 0 | 87 | 281 | 21 |
| 200 | 12461 | 0 | -50.5 | | 0 | 84 | 280 | 25 | 200 | 12516 | 0 | -50.9 | | 0 | 78 | 297 | 14 | 200 | 12478 | 0 | -49.8 | | 0 | 88 | 276 | 22 |
| 300 | 9689 | 0 | -28.8 | 7.8 | 0 | 90 | 276 | 23 | 300 | 9742 | 0 | -28.4 | 8.1 | 0 | 85 | 281 | 13 | 300 | 9699 | 0 | -28.0 | 9.3 | 0 | 93 | 268 | 20 |
| 500 | 5845 | 0 | -4.6 | 9.0 | 0 | 92 | 273 | 16 | 500 | 5890 | 0 | -4.4 | 8.9 | 0 | 90 | 272 | 12 | 500 | 5849 | 0 | -4.6 | 7.8 | 0 | 92 | 261 | 14 |
| 700 | 3123 | 0 | 9.0 | 3.4 | 0 | 91 | 278 | 11 | 700 | 3160 | 0 | 10.6 | 6.2 | 0 | 89 | 269 | 11 | 700 | 3123 | 0 | 9.5 | 3.8 | 0 | 93 | 260 | 13 |
| 850 | 1485 | 0 | 17.5 | 3.2 | 0 | 65 | 275 | 4 | 850 | 1512 | 0 | 19.7 | 5.8 | 0 | 87 | 267 | 11 | 850 | 1484 | 0 | 17.3 | 2.4 | 0 | 91 | 247 | 9 |
| 1005 | * 31 | | 23.2 | 1.7 | | | | | 992 | * 156 | | 25.3 | 1.1 | | | | | 1007 | * 9 | | 25.4 | 3.7 | | | | |
| ASIA - JAPAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YONAGO | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47744 JUL 2006 3526N 13320E OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24221 | 7 | -52.5 | | 7 | 99 | 84 | 13 | 030 | 24189 | 5 | -52.8 | | 5 | 98 | 84 | 15 | 030 | 24203 | 5 | -53.0 | | 5 | 99 | 83 | 13 |
| 050 | 20944 | 6 | -58.7 | | 6 | 98 | 75 | 8 | 050 | 20944 | 5 | -59.1 | | 5 | 97 | 78 | 10 | 050 | 20958 | 4 | -59.7 | | 4 | 98 | 78 | 8 |
| 100 | 16726 | 0 | -69.1 | | 0 | 75 | 308 | 10 | 100 | 16744 | 0 | -71.8 | | 0 | 60 | 344 | 6 | 100 | 16748 | 0 | -70.1 | | 0 | 72 | 308 | 9 |
| 150 | 14279 | 0 | -63.0 | | 0 | 86 | 289 | 23 | 150 | 14327 | 0 | -64.5 | | 0 | 79 | 307 | 15 | 150 | 14302 | 0 | -62.5 | | 0 | 87 | 281 | 21 |
| 200 | 12461 | 0 | -50.5 | | 0 | 84 | 280 | 25 | 200 | 12516 | 0 | -50.9 | | 0 | 78 | 297 | 14 | 200 | 12478 | 0 | -49.8 | | 0 | 88 | 276 | 22 |
| 300 | 9689 | 0 | -28.8 | 7.8 | 0 | 90 | 276 | 23 | 300 | 9742 | 0 | -28.4 | 8.1 | 0 | 85 | 281 | 13 | 300 | 9699 | 0 | -28.0 | 9.3 | 0 | 93 | 268 | 20 |
| 500 | 5845 | 0 | -4.6 | 9.0 | 0 | 92 | 273 | 16 | 500 | 5890 | 0 | -4.4 | 8.9 | 0 | 90 | 272 | 12 | 500 | 5849 | 0 | -4.6 | 7.8 | 0 | 92 | 261 | 14 |
| 700 | 3123 | 0 | 9.0 | 3.4 | 0 | 91 | 278 | 11 | 700 | 3160 | 0 | 10.6 | 6.2 | 0 | 89 | 269 | 11 | 700 | 3123 | 0 | 9.5 | 3.8 | 0 | 93 | 260 | 13 |
| 850 | 1485 | 0 | 17.5 | 3.2 | 0 | 65 | 275 | 4 | 850 | 1512 | 0 | 19.7 | 5.8 | 0 | 87 | 267 | 11 | 850 | 1484 | 0 | 17.3 | 2.4 | 0 | 91 | 247 | 9 |
| 1005 | * 31 | | 23.2 | 1.7 | | | | | 992 | * 156 | | 25.3 | 1.1 | | | | | 1007 | * 9 | | 25.4 | 3.7 | | | | |
| ASIA - JAPAN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KAGOSHIMA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47827 JUL 2006 3133N 13030E OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24189 | 5 | -52.8 | | 5 | 98 | 84 | 15 | 030 | 24195 | 6 | -53.5 | | 6 | 99 | 85 | 15 | 030 | 24166 | 5 | -53.8 | | 5 | 99 | 85 | 16 |
| 050 | 20956 | 5 | -59.1 | | 5 | 97 | 78 | 10 | 050 | 20956 | 5 | -60.4 | | 6 | 98 | 80 | 10 | 050 | 20939 | 5 | -61.1 | | 5 | 98 | 79 | 12 |
| 100 | 16777 | 0 | -71.5 | | 0 | 58 | 333 | 6 | 100 | 16777 | 0 | -71.5 | | 0 | 58 | 333 | 6 | 100 | 16778 | 0 | -73.5 | | 1 | 61 | 23 | 6 |
| 150 | 14350 | 0 | -63.3 | | 0 | 73 | 284 | 13 | 150 | 14350 | 0 | -63.3 | | 0 | 73 | 284 | 13 | 150 | 14365 | 0 | -63.5 | | 0 | 52 | 313 | 7 |
| 200 | 12526 | 0 | -49.3 | | 0 | 80 | 270 | 15 | 200 | 12526 | 0 | -49.0 | | 0 | 80 | 270 | 15 | 200 | 12542 | 0 | -49.4 | | 0 | 46 | 274 | 6 |
| 300 | 9737 | 0 | -27 | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| ASIA - CHINA KUNMING 56778 JUL 2006 2501N 10240E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24059 | 5 | -55.4 | | 5 | | 90 | 22 | 030 | 24147 | 2 | -54.2 | | 2 | | 86 | 19 | 030 | 24157 | 3 | -52.9 | | 3 | 99 | 94 | 9 | |
| 050 | 20862 | 5 | -64.2 | | 5 | | 86 | 21 | 050 | 20928 | 1 | -62.0 | | 1 | | 82 | 15 | 050 | 20907 | 3 | -58.7 | | 3 | 97 | 97 | 6 | |
| 100 | 16796 | 4 | -77.5 | | 4 | 95 | 75 | 21 | 100 | 16802 | 1 | -73.8 | | 1 | 64 | 28 | 7 | 100 | 16636 | 3 | -65.2 | | 3 | 65 | 252 | 3 | |
| 150 | 14397 | 2 | -62.8 | | 2 | 94 | 71 | 15 | 150 | 14378 | 1 | -62.3 | 14.0 | 1 | 50 | 341 | 6 | 150 | 14148 | 3 | -60.8 | | 3 | 87 | 260 | 8 | |
| 200 | 12562 | 2 | -47.6 | 18.9 | 2 | 85 | 69 | 11 | 200 | 12545 | 1 | -48.5 | 13.6 | 1 | 42 | 310 | 5 | 200 | 12333 | 3 | -53.9 | | 3 | 81 | 262 | 8 | |
| 300 | 9750 | 2 | -25.1 | 22.6 | 2 | 88 | 78 | 7 | 300 | 9746 | 0 | -26.3 | 13.5 | 0 | 45 | 247 | 5 | 300 | 9645 | 3 | -37.2 | 18.5 | 3 | 70 | 270 | 5 | |
| 500 | 5856 | 1 | -2.2 | 10.1 | 1 | 33 | 88 | 2 | 500 | 5869 | 0 | -3.1 | 9.4 | 0 | 64 | 229 | 7 | 500 | 5903 | 3 | -8.4 | 24.4 | 3 | 68 | 261 | 3 | |
| 700 | 3104 | 0 | 12.2 | 2.5 | 0 | 20 | 193 | 1 | 700 | 3126 | 0 | 12.1 | 5.8 | 0 | 64 | 222 | 7 | 700 | 3203 | 1 | 9.4 | 23.8 | 1 | 47 | 283 | 2 | |
| 807 | *1892 | | 18.7 | 1.9 | | | | | 850 | 1469 | 0 | 20.8 | 4.5 | 0 | 64 | 216 | 7 | 850 | 1569 | 1 | 16.8 | 18.4 | 1 | 64 | 23 | 2 | |
| ASIA - CHINA SHANGHAI 58362 JUL 2006 3124N 12120E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24147 | 2 | -54.2 | | 5 | | | | 030 | 24147 | 2 | -54.2 | | 2 | | 86 | 19 | 030 | 24157 | 3 | -52.9 | | 3 | 99 | 94 | 9 | |
| 050 | 20928 | 1 | -62.0 | | 5 | | | | 050 | 20928 | 1 | -62.0 | | 1 | | 82 | 15 | 050 | 20907 | 3 | -58.7 | | 3 | 97 | 97 | 6 | |
| 100 | 16802 | 1 | -73.8 | | 4 | | | | 100 | 16802 | 1 | -73.8 | | 1 | 64 | 28 | 7 | 100 | 16636 | 3 | -65.2 | | 3 | 65 | 252 | 3 | |
| 150 | 14378 | 1 | -62.3 | 14.0 | 1 | | | | 150 | 14378 | 1 | -62.3 | 14.0 | 1 | 50 | 341 | 6 | 150 | 14148 | 3 | -60.8 | | 3 | 87 | 260 | 8 | |
| 200 | 12545 | 1 | -48.5 | 13.6 | 1 | | | | 200 | 12545 | 1 | -48.5 | 13.6 | 1 | 42 | 310 | 5 | 200 | 12333 | 3 | -53.9 | | 3 | 81 | 262 | 8 | |
| 300 | 9746 | 0 | -26.3 | 13.5 | 0 | | | | 300 | 9746 | 0 | -26.3 | 13.5 | 0 | 45 | 247 | 5 | 300 | 9645 | 3 | -37.2 | 18.5 | 3 | 70 | 270 | 5 | |
| 500 | 5869 | 0 | -3.1 | 9.4 | 0 | | | | 500 | 5869 | 0 | -3.1 | 9.4 | 0 | 64 | 229 | 7 | 500 | 5903 | 3 | -8.4 | 24.4 | 3 | 68 | 261 | 3 | |
| 700 | 3126 | 0 | 12.1 | 5.8 | 0 | | | | 700 | 3126 | 0 | 12.1 | 5.8 | 0 | 64 | 222 | 7 | 700 | 3203 | 1 | 9.4 | 23.8 | 1 | 47 | 283 | 2 | |
| 807 | * | 8 | | | | | | | 850 | 1469 | 0 | 20.8 | 4.5 | 0 | 64 | 216 | 7 | 850 | 1569 | 1 | 16.8 | 18.4 | 1 | 64 | 23 | 2 | |
| AFRICA - MADEIRA FUNCHAL 08522 JUL 2006 3238N 01654W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24157 | 3 | -52.9 | | 5 | | | | 030 | 24157 | 3 | -52.9 | | 2 | | 86 | 19 | 030 | 24157 | 3 | -52.9 | | 3 | 99 | 94 | 9 | |
| 050 | 20907 | 3 | -58.7 | | 5 | | | | 050 | 20907 | 3 | -58.7 | | 3 | | 82 | 15 | 050 | 20907 | 3 | -58.7 | | 3 | 97 | 97 | 6 | |
| 100 | 16636 | 3 | -65.2 | | 5 | | | | 100 | 16636 | 3 | -65.2 | | 3 | | 82 | 15 | 100 | 16636 | 3 | -65.2 | | 3 | 65 | 252 | 3 | |
| 150 | 14148 | 3 | -60.8 | | 5 | | | | 150 | 14148 | 3 | -60.8 | | 3 | | 82 | 15 | 150 | 14148 | 3 | -60.8 | | 3 | 87 | 260 | 8 | |
| 200 | 12333 | 3 | -53.9 | | 5 | | | | 200 | 12333 | 3 | -53.9 | | 3 | | 82 | 15 | 200 | 12333 | 3 | -53.9 | | 3 | 81 | 262 | 8 | |
| 300 | 9645 | 3 | -37.2 | 18.5 | 5 | | | | 300 | 9645 | 3 | -37.2 | 18.5 | 5 | | 82 | 15 | 300 | 9645 | 3 | -37.2 | 18.5 | 3 | 70 | 270 | 5 | |
| 500 | 5903 | 3 | -8.4 | 24.4 | 5 | | | | 500 | 5903 | 3 | -8.4 | 24.4 | 5 | | 82 | 15 | 500 | 5903 | 3 | -8.4 | 24.4 | 3 | 68 | 261 | 3 | |
| 700 | 3203 | 1 | 9.4 | 23.8 | 5 | | | | 700 | 3203 | 1 | 9.4 | 23.8 | 5 | | 82 | 15 | 700 | 3203 | 1 | 9.4 | 23.8 | 1 | 47 | 283 | 2 | |
| 807 | * | 58 | | | | | | | 850 | 1569 | 1 | 16.8 | 18.4 | 1 | | 82 | 15 | 850 | 1569 | 1 | 16.8 | 18.4 | 1 | 64 | 23 | 2 | |
| AFRICA - SPAIN (CANARY ISLANDS) TENERIFE-GUIMAR 60018 JUL 2006 2819N 01623W OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24102 | 0 | -53.2 | 32.8 | 0 | 98 | 89 | 19 | 030 | 20962 | 8 | -56.5 | | 8 | 94 | 100 | 10 | 030 | 20914 | 8 | -58.9 | | 7 | 56 | 240 | 4 | |
| 050 | 20866 | 0 | -60.4 | 30.7 | 0 | 97 | 94 | 14 | 050 | 20962 | 8 | -56.5 | | 5 | 69 | 230 | 7 | 100 | 16688 | 2 | -68.9 | | 7 | 56 | 240 | 4 | |
| 100 | 16653 | 0 | -69.6 | 21.0 | 0 | 45 | 206 | 4 | 100 | 16659 | 5 | -64.2 | | 5 | 69 | 230 | 7 | 100 | 16688 | 2 | -68.9 | | 7 | 56 | 240 | 4 | |
| 150 | 14207 | 0 | -62.6 | 20.2 | 0 | 89 | 247 | 14 | 150 | 14145 | 1 | -59.2 | | 1 | 89 | 270 | 16 | 150 | 14236 | 0 | -61.6 | | 4 | 98 | 240 | 17 | |
| 200 | 12396 | 0 | -53.1 | 20.5 | 0 | 89 | 255 | 15 | 200 | 12322 | 0 | -54.2 | | 0 | 83 | 270 | 17 | 200 | 12418 | 0 | -52.4 | | 3 | 94 | 260 | 20 | |
| 300 | 9684 | 0 | -35.0 | 24.2 | 0 | 71 | 261 | 8 | 300 | 9640 | 0 | -37.8 | | 0 | 78 | 270 | 12 | 300 | 9701 | 0 | -36.7 | 24.2 | 4 | 81 | 250 | 11 | |
| 500 | 5920 | 0 | -8.2 | 23.0 | 0 | 65 | 238 | 5 | 500 | 5905 | 0 | -9.7 | 14.0 | 0 | 86 | 290 | 11 | 500 | 5958 | 0 | -10.2 | 7.2 | 1 | 54 | 270 | 5 | |
| 700 | 3209 | 0 | 12.6 | 26.0 | 0 | 74 | 241 | 6 | 700 | 3210 | 0 | 10.1 | 15.6 | 0 | 71 | 270 | 7 | 700 | 3253 | 0 | 13.2 | 19.0 | 1 | 38 | 260 | 3 | |
| 807 | 1552 | 0 | 21.9 | 28.1 | 0 | 61 | 18 | 3 | 807 | 1565 | 0 | 22.0 | 19.0 | 0 | 20 | 120 | 1 | 807 | 1579 | 0 | 27.0 | 29.4 | 1 | 67 | 160 | 4 | |
| 1004 | * 111 | | 23.1 | 7.3 | | | | | 1004 | * | 29 | | | | | | | 926 | * | 816 | | | | | | | |
| AFRICA - ALGERIA IN-SALAH 60630 JUL 2006 2714N 00230E OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24059 | 5 | -55.4 | | 5 | | | | 030 | 20878 | 22 | -71.6 | | 6 | 71 | 180 | 5 | 100 | 16688 | 2 | -68.9 | | 9 | 70 | 160 | 6 | |
| 050 | 20862 | 7 | -61.5 | | 9 | 97 | 100 | 15 | 050 | 20878 | 22 | -71.6 | | 5 | 92 | 240 | 12 | 150 | 14312 | 5 | -64.9 | | 9 | 54 | 180 | 4 | |
| 100 | 16706 | 0 | -76.2 | | 3 | 45 | 130 | 4 | 100 | 16685 | 22 | -63.1 | | 5 | 92 | 240 | 12 | 150 | 14236 | 0 | -61.6 | | 9 | 54 | 180 | 4 | |
| 150 | 14287 | 0 | -63.6 | | 3 | 79 | 230 | 9 | 150 | 14256 | 11 | -52.2 | | 2 | 87 | 250 | 13 | 200 | 12502 | 5 | -51.3 | | 9 | 54 | 180 | 4 | |
| 200 | 12472 | 0 | -52.0 | | 3 | 82 | 250 | 10 | 200 | 12444 | 11 | -33.6 | 32.9 | 4 | 80 | 250 | 8 | 300 | 9744 | 3 | -30.2 | 29.3 | 9 | 54 | 180 | 4 | |
| 300 | 9728 | 0 | -32.3 | 33.2 | 0 | 92 | 320 | 8 | 300 | 9712 | 11 | -9.8 | 9.7 | 2 | 50 | 190 | 3 | 500 | 5936 | 2 | -8.6 | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | |
|---|--------|--------------|-------|----------------------|--------------|-------------|-----------|-------|--|--------|--------------|-------------|----------------------|--------------|------------|-------------|-------|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------------|--|--|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | |
| AFRICA - TUNISIA TUNIS-CARTHAGE 60715 JUL 2006 3650N 01014E OB 1 | | | | | | | | | AFRICA - SENEGAL DAKAR/YOFF 61641 JUL 2006 1444N 01730W OB 3 | | | | | | | | | AFRICA - OCEAN ISLANDS ST. HELENA IS. 61901 JUL 2006 1556S 00540W OB 3 | | | | | | | | | | | |
| 030 | 24215 | 27 | -51.5 | 33.3 | 9 | 97 | 97 | 12 | 030 | 23705 | 4 | -57.2 | | 7 | 94 | 80 | 11 | 030 | 23946 | 14 | -53.3 | 32.8 | 9 | 72 | 280 | 4 | | | |
| 050 | 20968 | 15 | -58.1 | 31.2 | 9 | 96 | 101 | 9 | 050 | 20554 | 3 | -66.0 | 29.1 | 6 | 85 | 85 | 7 | 050 | 20719 | 11 | -61.9 | 30.3 | 9 | 50 | 200 | 2 | | | |
| 100 | 16687 | 0 | -63.5 | 27.4 | 0 | 64 | 263 | 4 | 100 | 16537 | 0 | -76.7 | 24.9 | 0 | 75 | 265 | 11 | 100 | 16581 | 10 | -74.7 | 17.3 | 9 | 90 | 292 | 13 | | | |
| 150 | 14170 | 0 | -57.1 | 29.8 | 0 | 90 | 277 | 17 | 150 | 14141 | 0 | -65.2 | 24.4 | 0 | 92 | 260 | 22 | 150 | 14168 | 10 | -65.0 | 16.5 | 9 | 94 | 285 | 21 | | | |
| 200 | 12322 | 0 | -51.1 | 26.3 | 0 | 85 | 285 | 19 | 200 | 12338 | 0 | -52.7 | 27.4 | 0 | 94 | 265 | 26 | 200 | 12381 | 10 | -55.7 | 16.1 | 9 | 95 | 280 | 16 | | | |
| 300 | 9621 | 0 | -37.2 | 21.0 | 0 | 85 | 311 | 12 | 300 | 9615 | 0 | -34.6 | 29.1 | 0 | 88 | 270 | 22 | 300 | 9675 | 10 | -34.1 | 24.1 | 9 | 83 | 280 | 12 | | | |
| 500 | 5884 | 0 | -9.4 | 22.0 | 0 | 87 | 315 | 8 | 500 | 5857 | 0 | -9.1 | 33.2 | 1 | 83 | 255 | 9 | 500 | 5886 | 10 | -5.9 | 37.8 | 9 | 77 | 296 | 7 | | | |
| 700 | 3200 | 0 | 8.5 | 18.6 | 0 | 79 | 324 | 7 | 700 | 3176 | 0 | 9.1 | 21.3 | 0 | 33 | 145 | 2 | 700 | 3178 | 10 | 9.6 | 38.6 | 9 | 84 | 279 | 6 | | | |
| 850 | 1565 | 0 | 18.6 | 16.0 | 0 | 67 | 336 | 3 | 850 | 1531 | 0 | 22.7 | 39.7 | 0 | 75 | 60 | 5 | 850 | 1553 | 10 | 11.7 | 12.0 | 9 | 78 | 117 | 6 | | | |
| 1016 | * 4 | | 32.4 | 15.4 | | | | | 1009 | * 27 | | 27.0 | 4.6 | | | | | 971 | * 436 | | 17.2 | 4.5 | | | | | | | |
| AFRICA - OCEAN ISLANDS SERGE-FROLOW (ILE TROMELIN) 61976 JUL 2006 1548S 05430E OB 2 | | | | | | | | | AFRICA - OCEAN ISLANDS PORT-AUX-FRANCAIS (ILES KERG 61998 JUL 2006 4918S 07012E OB 2 | | | | | | | | | AFRICA - MAURITIUS VACOAS (MAURITIUS) 61995 JUL 2006 2018S 05728E OB 3 | | | | | | | | | | | |
| 030 | 23958 | 7 | -52.1 | | 7 | 60 | 296 | 3 | 030 | 19922 | 3 | -64.3 | | 4 | 98 | 268 | 53 | 030 | 23933 | 19 | -53.8 | | 9 | 54 | 197 | 3 | | | |
| 050 | 20716 | 4 | -62.2 | | 4 | 60 | 127 | 3 | 050 | 19565 | 0 | -59.5 | | 0 | 97 | 262 | 47 | 050 | 20723 | 16 | -63.4 | | 9 | 57 | 161 | 3 | | | |
| 100 | 16615 | 3 | -76.2 | | 3 | 61 | 83 | 7 | 100 | 15656 | 0 | -57.5 | | 0 | 94 | 261 | 44 | 100 | 16576 | 10 | -75.1 | | 9 | 29 | 200 | 5 | | | |
| 150 | 14228 | 2 | -65.3 | | 2 | 70 | 344 | 12 | 150 | 13105 | 0 | -59.7 | | 0 | 91 | 260 | 44 | 150 | 14161 | 10 | -65.5 | | 9 | 87 | 283 | 11 | | | |
| 200 | 12425 | 2 | -52.0 | | 2 | 91 | 326 | 15 | 200 | 11296 | 0 | -59.7 | | 0 | 89 | 261 | 44 | 200 | 12367 | 9 | -52.9 | | 9 | 97 | 304 | 13 | | | |
| 300 | 9677 | 1 | -31.0 | 36.1 | 1 | 83 | 302 | 12 | 300 | 8736 | 0 | -51.9 | | 0 | 89 | 261 | 44 | 300 | 9618 | 9 | -32.8 | | 9 | 93 | 297 | 13 | | | |
| 500 | 5868 | 1 | -6.4 | 39.3 | 1 | 63 | 273 | 5 | 500 | 5256 | 0 | -28.1 | 17.4 | 0 | 89 | 263 | 34 | 500 | 5880 | 9 | -9.7 | | 9 | 82 | 266 | 7 | | | |
| 700 | 3171 | 1 | 7.4 | 30.2 | 1 | 73 | 111 | 4 | 700 | 2766 | 0 | -13.3 | 15.1 | 0 | 93 | 257 | 26 | 700 | 3156 | 9 | 5.4 | | 9 | 39 | 152 | 4 | | | |
| 850 | 1557 | 2 | 13.0 | 5.6 | 2 | 95 | 114 | 10 | 850 | 1266 | 0 | -5.9 | 4.9 | 0 | 93 | 261 | 21 | 850 | 1559 | 9 | 10.7 | 3.4 | 9 | 79 | 138 | 5 | | | |
| 1018 | * 13 | | 25.7 | 6.3 | | | | | 993 | * 29 | | 2.4 | 3.7 | | | | | 973 | * 425 | | 19.3 | 4.4 | | | | | | | |
| AFRICA - EGYPT MERSA MATRUH 62306 JUL 2006 3120N 02713E OB 3 | | | | | | | | | AFRICA - EGYPT EL ARISH 62337 JUL 2006 3105N 03349E OB | | | | | | | | | AFRICA - EGYPT HELWAN 62378 JUL 2006 2952N 03120E OB 3 | | | | | | | | | | | |
| 030 | | | -62.0 | 33.3 | 5 | 97 | 122 | 12 | 030 | 24119 | 10 | -54.4 | 32.5 | 9 | 99 | 80 | 16 | 030 | 24128 | 7 | -54.2 | 32.5 | 7 | 99 | 94 | 14 | | | |
| 050 | 20961 | 5 | -72.3 | 25.5 | 3 | 82 | 221 | 13 | 050 | 20912 | 4 | -63.2 | 29.9 | 4 | 95 | 85 | 12 | 050 | 20906 | 6 | -61.7 | 30.4 | 6 | 97 | 102 | 14 | | | |
| 100 | 16825 | 2 | -59.7 | 27.8 | 2 | 96 | 245 | 20 | 100 | 16811 | 2 | -74.2 | 20.4 | 2 | 89 | 165 | 11 | 100 | 16812 | 6 | -75.0 | 22.6 | 6 | 84 | 158 | 13 | | | |
| 150 | 14381 | 2 | -46.2 | 32.9 | 2 | 96 | 257 | 20 | 150 | 14381 | 1 | -60.8 | 23.5 | 1 | 88 | 195 | 12 | 150 | 14386 | 6 | -61.3 | 25.4 | 6 | 83 | 186 | 12 | | | |
| 200 | 12533 | 2 | -25.9 | 40.2 | 2 | 88 | 269 | 17 | 200 | 12535 | 1 | -47.0 | 30.4 | 1 | 91 | 210 | 12 | 200 | 12545 | 6 | -47.5 | 31.4 | 6 | 85 | 199 | 10 | | | |
| 300 | 9728 | 2 | -2.6 | 45.9 | 2 | 87 | 294 | 10 | 300 | 9732 | 1 | -26.8 | 37.5 | 1 | 96 | 225 | 12 | 300 | 9744 | 6 | -26.8 | 39.9 | 6 | 93 | 224 | 7 | | | |
| 500 | 5865 | 2 | 10.9 | 32.4 | 2 | 83 | 326 | 6 | 500 | 5855 | 0 | -1.8 | 46.9 | 0 | 90 | 250 | 7 | 500 | 5867 | 5 | -2.1 | | 5 | 88 | 244 | 7 | | | |
| 700 | 3138 | 2 | 19.6 | 20.4 | 2 | 80 | 336 | 6 | 700 | 3116 | 0 | 11.1 | 42.1 | 0 | 73 | 255 | 4 | 700 | 3134 | 5 | 10.6 | 41.0 | 5 | 86 | 279 | 5 | | | |
| 850 | 1498 | 2 | 24.1 | 6.4 | | | | | 850 | 1474 | 0 | 19.6 | 26.3 | 0 | 84 | 300 | 4 | 850 | 1497 | 5 | 19.0 | 17.6 | 5 | 76 | 322 | 4 | | | |
| 1007 | * 28 | | | | | | | | 1004 | * 32 | | 23.1 | 5.6 | | | | | 992 | * 141 | | 33.2 | 22.9 | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | |
|--|--------|--------------|-------|----------------------|--------------|-------------|-----------|-------|---|--------|--------------|-------------|----------------------|--------------|------------|-------------|-------|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------------|--|--|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | |
| AFRICA - EGYPT SOUTH OF VALLEY UNIVERSITY 62403 JUL 2006 2612N 03245E OB | | | | | | | | | AFRICA - EGYPT ASSWAN 62414 JUL 2006 2358N 03247E OB 3 | | | | | | | | | AFRICA - EGYPT FARAFRA 62423 JUL 2006 2703N 02759E OB | | | | | | | | | | | |
| 030 | 24081 | 7 | -54.6 | | 7 | 89 | 89 | 18 | 030 | 24058 | 9 | -55.8 | | | | | 030 | 24075 | 5 | -54.1 | 32.6 | 5 | 98 | 90 | 17 | | | | |
| 050 | 20870 | 0 | -62.9 | 30.0 | 0 | 99 | 101 | 19 | 050 | 20894 | 3 | -61.9 | | | | | 050 | 20858 | 1 | -62.1 | 30.3 | 1 | 99 | 103 | 16 | | | | |
| 100 | 16801 | 0 | -76.8 | 19.9 | 0 | 95 | 120 | 19 | 100 | 16787 | 1 | -72.7 | | | | | 100 | 16768 | 0 | -75.6 | 20.8 | 0 | 92 | 138 | 15 | | | | |
| 150 | 14393 | 0 | -62.3 | 22.8 | 0 | 89 | 133 | 11 | 150 | 14387 | 1 | -63.2 | | | | | 150 | 14357 | 0 | -62.5 | 27.2 | 0 | 86 | 164 | 11 | | | | |
| 200 | 12559 | 0 | -48.2 | 29.4 | 0 | 81 | 130 | 7 | 200 | 12563 | 1 | -49.3 | 29.1 | 1 | 99 | 110 | 7 | 200 | 12525 | 0 | -48.6 | 28.2 | 0 | 83 | 185 | 8 | | | |
| 300 | 9769 | 0 | -27.2 | 37.8 | 0 | 65 | 152 | 4 | 300 | 9779 | 1 | -27.3 | 27.6 | 1 | 67 | 115 | 2 | 300 | 9756 | 0 | -27.6 | 31.7 | 0 | 82 | 221 | 6 | | | |
| 500 | 5894 | 0 | -1.6 | 45.0 | 0 | 68 | 250 | 4 | 500 | 5901 | 0 | -1.0 | 41.2 | 0 | 69 | 235 | 2 | 500 | 5870 | 0 | -2.6 | 46.4 | 0 | 79 | 264 | 5 | | | |
| 700 | 3151 | 0 | 12.0 | 41.8 | 0 | 74 | 275 | 5 | 700 | 3149 | 0 | 14.2 | | | | | 700 | 3138 | 0 | 10.6 | 38.5 | 0 | 83 | 302 | 5 | | | | |
| 850 | 1502 | 0 | 23.5 | 23.8 | 0 | 95 | 311 | 6 | 850 | 1497 | 0 | 23.6 | 23.1 | 0 | 97 | 255 | 6 | 850 | 1500 | 0 | 20.5 | 18.5 | 0 | 91 | 323 | 6 | | | |
| 995 | * 96 | | 38.4 | 33.4 | | | | | 985 | * 200 | | 29.9 | 27.1 | | | | | 999 | * 78 | | 35.6 | 30.3 | | | | | | | |
| AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 JUL 2006 0902N 03845E OB 2 | | | | | | | | | AFRICA - SEYCHELLES SEYCHELLES INTER. AIRPORT (R 63985 JUL 2006 0441S 05531E OB 3 | | | | | | | | | AFRICA - CENTRAL AFRICAN REPUBLIC BANGUI 64650 JUL 2006 0424N 01831E OB / | | | | | | | | | | | |
| 030 | 23934 | | | | 9 | 63 | 83 | 3 | 030 | 23921 | 0 | -54.3 | 32.2 | 0 | 96 | 270 | 15 | 030 | 23970 | 1 | -54.8 | | 9 | 33 | 208 | 4 | | | |
| 050 | 20723 | 2 | -62.8 | | 9 | 87 | 90 | 7 | 050 | 20695 | 0 | -60.8 | 30.0 | 0 | 95 | 269 | 14 | 050 | 20744 | 1 | -61.3 | | 9 | 41 | 192 | 4 | | | |
| 100 | 16612 | 0 | -77.7 | | 5 | 99 | 93 | 13 | 100 | 16576 | 0 | -76.1 | 11.7 | 0 | 76 | 98 | 9 | 100 | 16591 | 1 | -80.1 | | 58 | 108 | 10 | | | | |
| 150 | 14240 | 0 | -66.5 | 30.7 | 1 | 99 | 82 | 15 | 150 | 14195 | 0 | -67.4 | 8.9 | 0 | 95 | 66 | 25 | 150 | 14227 | 1 | -67.8 | | 1 | 74 | 124 | 8 | | | |
| 200 | 12441 | 0 | -52.5 | 12.1 | 2 | 99 | 89 | 11 | 200 | 12411 | 0 | -54.5 | 8.3 | 0 | 75 | 58 | 10 | 200 | 12436 | 1 | -54.5 | | 1 | 80 | 107 | 8 | | | |
| 300 | 9698 | 0 | -28.9 | | 4 | 83 | 98 | 5 | 300 | 9684 | 0 | -31.9 | 21.4 | 0 | 16 | 179 | 2 | 300 | 9728 | 1 | -31.4 | 4.9 | 1 | 91 | 82 | 6 | | | |
| 500 | 5873 | 0 | -6.1 | | 3 | 99 | 78 | 4 | 500 | 5863 | 0 | -5.2 | 30.6 | 0 | 62 | 271 | 4 | 500 | 5900 | 1 | -6.1 | 2.8 | 1 | 56 | 129 | 3 | | | |
| 700 | 3161 | 0 | 10.6 | 4.6 | 2 | 10 | 222 | 1 | 700 | 3151 | 0 | 10.1 | 21.5 | 0 | 85 | 235 | 8 | 700 | 3184 | 1 | 9.4 | 3.1 | 1 | 52 | 160 | 3 | | | |
| 773 | *2354 | | 19.5 | 6.6 | | | | | 850 | 1518 | 0 | 16.0 | 4.3 | 0 | 96 | 137 | 8 | 850 | 1551 | 1 | 19.3 | 4.1 | 1 | 46 | 196 | 3 | | | |
| 1012 | * 4 | | | | | | | | 26.4 | 4.0 | | | | | | | 972 | * 366 | | 25.4 | 3.8 | | | | | | | | |
| AFRICA - CHAD NDJAMENA 64700 JUL 2006 1208N 01502E OB / | | | | | | | | | AFRICA - SOUTH AFRICA PIETERSBURG 68174 JUL 2006 2350S 02925E OB 2 | | | | | | | | | AFRICA - SOUTH AFRICA BLOEMFONTEIN AIRPORT 68442 JUL 2006 2906S 02618E OB 3 | | | | | | | | | | | |
| 030 | 23906 | | -55.6 | 28.9 | 6 | 92 | 90 | 13 | 030 | 23899 | 7 | -55.5 | | | | | 030 | 23902 | 13 | -56.1 | | 9 | 99 | 264 | 9 | | | | |
| 050 | 20710 | | -62.6 | 27.7 | 3 | 93 | 90 | 14 | 050 | 20716 | 1 | -64.9 | | | | | 050 | 20712 | 3 | -64.2 | | 3 | 99 | 287 | 7 | | | | |
| 100 | 16596 | 22 | -78.9 | 13.1 | 2 | 49 | 100 | 11 | 100 | 16593 | 0 | -71.5 | | | | | 100 | 16530 | 3 | -67.0 | | 3 | 99 | 281 | 20 | | | | |
| 150 | 14232 | 22 | -67.0 | 12.2 | 2 | 42 | 100 | 8 | 150 | 14141 | 0 | -60.3 | | | | | 150 | 14038 | 3 | -58.6 | | 3 | 99 | 280 | 30 | | | | |
| 200 | 12440 | 22 | -53.2 | 11.8 | 2 | 46 | 100 | 7 | 200 | 12312 | 0 | -52.0 | 24.3 | 0 | 99 | 274 | 24 | 200 | 12205 | 3 | -52.3 | 22.3 | 3 | 99 | 278 | 31 | | | |
| 300 | 9696 | 22 | -30.9 | 11.4 | 2 | 46 | 90 | 5 | 300 | 9600 | 0 | -36.5 | 26.5 | 0 | 99 | 267 | 18 | 300 | 9520 | 2 | -39.7 | 20.6 | 2 | 99 | 277 | 23 | | | |
| 500 | 5882 | 22 | -7.0 | 9.2 | 2 | 46 | 80 | 4 | 500 | 5863 | 0 | -9.2 | 38.1 | 0 | 99 | 257 | 7 | 500 | 5827 | 2 | -12.8 | 30.2 | 2 | 99 | 287 | 15 | | | |
| 700 | 3180 | 22 | 9.9 | 10.3 | 2 | 47 | 70 | 5 | 700 | 3188 | 0 | 5.7 | 30.6 | 0 | 99 | 50 | 1 | 700 | 3176 | 2 | 3.8 | 25.8 | 2 | 99 | 311 | 10 | | | |
| 850 | 1528 | 22 | 21.9 | 12.0 | 2 | 6 | 60 | 1 | 850 | 1581 | 0 | 12.9 | 10.7 | 0 | 99 | 43 | 4 | 850 | 1572 | 2 | 13.2 | 16.3 | 2 | 99 | 359 | 5 | | | |
| 977 | * 295 | | 29.5 | 7.0 | | | | | 887 | *1228 | | 7.9 | 5.1 | | | | | 873 | *1359 | | 1.2 | 4.4 | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| AFRICA - SOUTH AFRICA SPRINGBOK 68512 JUL 2006 2940S 01754E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23875 | 3 | -57.9 | | 3 | 99 | 277 | 13 | 030 | 23815 | 14 | -59.0 | | 9 | 99 | 280 | 23 | 030 | 23806 | 15 | -58.9 | | 9 | 99 | 271 | 21 | |
| 050 | 20703 | 0 | -62.9 | | 0 | 99 | 287 | 9 | 050 | 20652 | 2 | -62.3 | | 2 | 99 | 283 | 18 | 050 | 20647 | 2 | -63.1 | | 2 | 99 | 283 | 16 | |
| 100 | 16483 | 0 | -65.1 | | 0 | 99 | 285 | 23 | 100 | 16382 | 0 | -61.8 | | 1 | 99 | 281 | 31 | 100 | 16401 | 1 | -63.1 | | 1 | 99 | 280 | 29 | |
| 150 | 13974 | 0 | -57.9 | | 0 | 99 | 281 | 34 | 150 | 13844 | 0 | -55.8 | | 1 | 99 | 279 | 36 | 150 | 13871 | 1 | -56.4 | | 1 | 99 | 282 | 36 | |
| 200 | 12140 | 0 | -53.1 | 19.5 | 0 | 99 | 278 | 35 | 200 | 12005 | 0 | -53.6 | 19.5 | 1 | 99 | 279 | 37 | 200 | 12034 | 1 | -53.2 | 21.1 | 1 | 99 | 279 | 38 | |
| 300 | 9467 | 0 | -40.0 | 17.7 | 0 | 99 | 280 | 30 | 300 | 9352 | 0 | -42.7 | 15.7 | 1 | 99 | 279 | 28 | 300 | 9374 | 1 | -42.2 | 15.8 | 1 | 99 | 285 | 33 | |
| 500 | 5785 | 0 | -13.3 | 27.9 | 0 | 99 | 284 | 18 | 500 | 5713 | 0 | -16.5 | 21.9 | 1 | 99 | 282 | 17 | 500 | 5733 | 1 | -16.4 | 21.3 | 1 | 99 | 290 | 20 | |
| 700 | 3140 | 0 | 3.5 | 30.4 | 0 | 99 | 301 | 10 | 700 | 3102 | 0 | .1 | 22.9 | 1 | 99 | 292 | 11 | 700 | 3115 | 1 | 1.0 | 18.7 | 1 | 99 | 295 | 12 | |
| 850 | 1542 | 0 | 11.7 | 18.1 | 0 | 99 | 317 | 6 | 850 | 1524 | 0 | 7.9 | 11.1 | 1 | 99 | 310 | 7 | 850 | 1528 | 1 | 10.2 | 13.0 | 1 | 99 | 298 | 8 | |
| 906 | *1007 | | 10.3 | 8.5 | | | | | 1015 | * 46 | | 11.2 | 1.5 | | | | | 979 | * 69 | | 11.5 | 2.9 | | | | | |
| AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 JUL 2006 3358S 01836E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23815 | 14 | -59.0 | | 9 | 99 | 280 | 23 | 030 | 23806 | 15 | -58.9 | | 9 | 99 | 271 | 21 | 030 | 23806 | 15 | -58.9 | | 9 | 99 | 271 | 21 | |
| 050 | 20652 | 2 | -62.3 | | 2 | 99 | 283 | 18 | 050 | 20647 | 2 | -63.1 | | 2 | 99 | 283 | 16 | 050 | 20647 | 2 | -63.1 | | 2 | 99 | 283 | 16 | |
| 100 | 16382 | 0 | -61.8 | | 1 | 99 | 281 | 31 | 100 | 16401 | 1 | -63.1 | | 1 | 99 | 280 | 29 | 100 | 16401 | 1 | -63.1 | | 1 | 99 | 280 | 29 | |
| 150 | 13844 | 0 | -55.8 | | 1 | 99 | 279 | 36 | 150 | 13871 | 1 | -56.4 | | 1 | 99 | 282 | 36 | 150 | 13871 | 1 | -56.4 | | 1 | 99 | 282 | 36 | |
| 200 | 12005 | 0 | -53.6 | 19.5 | 1 | 99 | 279 | 37 | 200 | 12034 | 1 | -53.2 | 21.1 | 1 | 99 | 279 | 38 | 200 | 12034 | 1 | -53.2 | 21.1 | 1 | 99 | 279 | 38 | |
| 300 | 9352 | 0 | -42.7 | 15.7 | 1 | 99 | 279 | 28 | 300 | 9374 | 1 | -42.2 | 15.8 | 1 | 99 | 285 | 33 | 300 | 9374 | 1 | -42.2 | 15.8 | 1 | 99 | 285 | 33 | |
| 500 | 5713 | 0 | -16.5 | 21.9 | 1 | 99 | 282 | 17 | 500 | 5733 | 1 | -16.4 | 21.3 | 1 | 99 | 290 | 20 | 500 | 5733 | 1 | -16.4 | 21.3 | 1 | 99 | 290 | 20 | |
| 700 | 3102 | 0 | .1 | 22.9 | 1 | 99 | 292 | 11 | 700 | 3115 | 1 | 1.0 | 18.7 | 1 | 99 | 295 | 12 | 700 | 3115 | 1 | 1.0 | 18.7 | 1 | 99 | 295 | 12 | |
| 850 | 1524 | 0 | 7.9 | 11.1 | 1 | 99 | 281 | 7 | 850 | 1528 | 1 | 10.2 | 13.0 | 1 | 99 | 298 | 8 | 850 | 1528 | 1 | 10.2 | 13.0 | 1 | 99 | 298 | 8 | |
| 906 | * 46 | | 11.2 | 1.5 | | | | | 979 | * 69 | | 11.5 | 2.9 | | | | | 1009 | * 12 | | 2.3 | .7 | | | | | |
| AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 JUL 2006 3359S 02537E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23806 | 15 | -58.9 | | 9 | 99 | 271 | 21 | 030 | 23806 | 15 | -58.9 | | 9 | 99 | 271 | 21 | 030 | 23806 | 15 | -58.9 | | 9 | 99 | 271 | 21 | |
| 050 | 20647 | 2 | -63.1 | | 2 | 99 | 283 | 16 | 050 | 20647 | 2 | -63.1 | | 2 | 99 | 283 | 16 | 050 | 20647 | 2 | -63.1 | | 2 | 99 | 283 | 16 | |
| 100 | 16401 | 1 | -63.1 | | 1 | 99 | 280 | 29 | 100 | 16410 | 0 | -63.1 | | 1 | 99 | 280 | 29 | 100 | 16410 | 0 | -63.1 | | 1 | 99 | 280 | 29 | |
| 150 | 13871 | 1 | -56.4 | | 1 | 99 | 282 | 36 | 150 | 13708 | 0 | -44.8 | 23.3 | 1 | 99 | 282 | 44 | 150 | 13708 | 0 | -44.8 | 23.3 | 1 | 99 | 282 | 44 | |
| 200 | 12034 | 1 | -53.2 | 21.1 | 1 | 99 | 279 | 38 | 200 | 12034 | 1 | -53.2 | 21.1 | 1 | 99 | 279 | 38 | 200 | 12034 | 1 | -53.2 | 21.1 | 1 | 99 | 279 | 38 | |
| 300 | 9374 | 1 | -42.2 | 15.8 | 1 | 99 | 285 | 33 | 300 | 9374 | 1 | -42.2 | 15.8 | 1 | 99 | 285 | 33 | 300 | 9374 | 1 | -42.2 | 15.8 | 1 | 99 | 285 | 33 | |
| 500 | 5733 | 1 | -16.4 | 21.3 | 1 | 99 | 290 | 20 | 500 | 5733 | 1 | -16.4 | 21.3 | 1 | 99 | 290 | 20 | 500 | 5733 | 1 | -16.4 | 21.3 | 1 | 99 | 290 | 20 | |
| 700 | 3115 | 1 | 1.0 | 18.7 | 1 | 99 | 295 | 12 | 700 | 3115 | 1 | 1.0 | 18.7 | 1 | 99 | 295 | 12 | 700 | 3115 | 1 | 1.0 | 18.7 | 1 | 99 | 295 | 12 | |
| 850 | 1528 | 1 | 10.2 | 13.0 | 1 | 99 | 298 | 8 | 850 | 1528 | 1 | 10.2 | 13.0 | 1 | 99 | 298 | 8 | 850 | 1528 | 1 | 10.2 | 13.0 | 1 | 99 | 298 | 8 | |
| 906 | * 69 | | 11.5 | 2.9 | | | | | 979 | * 69 | | 11.5 | 2.9 | | | | | 1009 | * 12 | | 2.3 | .7 | | | | | |
| AFRICA - SOUTH AFRICA MARION ISLAND 68994 JUL 2006 4653S 03752E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 20192 | 17 | -64.7 | | 9 | 99 | 270 | 45 | 030 | 24448 | 0 | -43.8 | 25.6 | 1 | 91 | 75 | 4 | 030 | 24448 | 0 | -43.8 | 25.6 | 1 | 91 | 75 | 4 | |
| 050 | 15918 | 13 | -59.1 | | 9 | 99 | 270 | 42 | 050 | 21029 | 0 | -45.1 | 25.0 | 1 | 56 | 71 | 2 | 050 | 21029 | 0 | -45.1 | 25.0 | 1 | 56 | 71 | 2 | |
| 100 | 15918 | 13 | -59.1 | | 9 | 99 | 270 | 42 | 100 | 16410 | 0 | -45.8 | 24.3 | 1 | 26 | 289 | 2 | 100 | 16410 | 0 | -45.8 | 24.3 | 1 | 26 | 289 | 2 | |
| 150 | 13364 | 13 | -57.1 | | 9 | 99 | 271 | 41 | 150 | 13708 | 0 | -44.8 | 23.3 | 1 | 41 | 282 | 4 | 150 | 13708 | 0 | -44.8 | 23.3 | 1 | 41 | 282 | 4 | |
| 200 | 11552 | 13 | -59.8 | 13.1 | 9 | 99 | 270 | 42 | 200 | 11782 | 0 | -44.9 | 20.6 | 1 | 41 | 279 | 5 | 200 | 11782 | 0 | -44.9 | 20.6 | 1 | 41 | 279 | 5 | |
| 300 | 8991 | 13 | -50.1 | 10.2 | 9 | 99 | 269 | 40 | 300 | 9092 | 0 | -45.7 | 11.6 | 1 | 23 | 269 | 5 | 300 | 9092 | 0 | -45.7 | 11.6 | 1 | 23 | 269 | 5 | |
| 500 | 5462 | 11 | -22.9 | 12.4 | 9 | 99 | 272 | 30 | 500 | 5517 | 0 | -21.0 | 8.9 | 2 | 36 | 253 | 5 | 500 | 5517 | 0 | -21.0 | 8.9 | 2 | 36 | 253 | 5 | |
| 700 | 2922 | 11 | -7.9 | 17.5 | 9 | 99 | 271 | 20 | 700 | 2953 | 0 | -5.6 | 6.5 | 3 | 45 | 237 | 5 | 700 | 2953 | 0 | -5.6 | 6.5 | 3 | 45 | 237 | 5 | |
| 850 | 1390 | 10 | -.2 | 8.9 | 9 | 99 | 281 | 16 | 850 | 1407 | 0 | 2.1 | 5.8 | 2 | 32 | 217 | 3 | 850 | 1407 | 0 | 2.1 | 5.8 | 2 | 32 | 217 | 3 | |
| 906 | * 22 | | 4.2 | 2.1 | | | | | 1006 | * 12 | | 2.3 | .7 | | | | | 1009 | * 50 | | 12.2 | 2.6 | | | | | |
| N AMERICA - USA (ALASKA) NOME, AK 70200 JUL 2006 6430N 16520W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24434 | 0 | -44.8 | 26.8 | 0 | 93 | 80 | 5 | 030 | 24307 | 2 | -46.8 | 20.8 | | | | | 030 | 24307 | 2 | -46.8 | 20.8 | | | | | |
| 050 | 21037 | 0 | -46.7 | 25.6 | 0 | 57</ | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | |
|--|--------|--------------|-------|----------------------|--------------|-------------|-----------|-------|--|--------|--------------|-------------|----------------------|--------------|------------|-------------|-------|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------------|--|--|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | |
| N AMERICA - USA (ALASKA) COLD BAY, AK 70316 JUL 2006 5512N 16240W OB 3 | | | | | | | | | N AMERICA - USA (ALASKA) YAKUTAT, AK 70361 JUL 2006 5931N 13940W OB 3 | | | | | | | | | N AMERICA - USA (ALASKA) SHEMYA AFB 70414 JUL 2006 5243N 17400E OB 3 | | | | | | | | | | | |
| 030 | 24384 | 0 | -47.3 | 26.2 | 0 | 95 | 83 | 6 | 030 | 24401 | 2 | -46.7 | 24.8 | 2 | 91 | 89 | 5 | 030 | | | | | | | | | | | |
| 050 | 21026 | 0 | -49.6 | 25.3 | 0 | 44 | 104 | 2 | 050 | 21034 | 0 | -49.2 | 24.3 | 0 | 36 | 97 | 1 | 050 | | | | | | | | | | | |
| 100 | 16497 | 0 | -50.1 | 24.9 | 2 | 68 | 283 | 4 | 100 | 16485 | 0 | -47.8 | 24.4 | 0 | 70 | 232 | 4 | 100 | | | | | | | | | | | |
| 150 | 13846 | 0 | -49.1 | 23.2 | 2 | 80 | 290 | 8 | 150 | 13804 | 0 | -46.6 | 23.7 | 0 | 66 | 236 | 5 | 150 | | | | | | | | | | | |
| 200 | 11960 | 0 | -50.1 | 13.2 | 1 | 79 | 287 | 12 | 200 | 11900 | 0 | -48.2 | 14.8 | 0 | 47 | 227 | 5 | 200 | 11985 | | | | | | | | | | |
| 300 | 9292 | 0 | -41.4 | 8.5 | 0 | 56 | 293 | 10 | 300 | 9253 | 0 | -45.0 | 6.2 | 0 | 28 | 171 | 4 | 300 | 9298 | 2 | -40.8 | 3 | 33 | 270 | 7 | | | | |
| 500 | 5636 | 0 | -15.7 | 12.4 | 0 | 33 | 279 | 4 | 500 | 5638 | 0 | -18.2 | 7.8 | 0 | 41 | 172 | 3 | 500 | 5628 | 2 | -14.7 | 15.2 | 3 | 17 | 259 | 3 | | | |
| 700 | 3020 | 0 | -5. | 9.6 | 0 | 20 | 277 | 2 | 700 | 3043 | 0 | -2.3 | 6.6 | 0 | 29 | 149 | 2 | 700 | 2998 | 2 | .7 | 10.7 | 3 | 11 | 184 | 2 | | | |
| 850 | 1449 | 0 | 5.3 | 4.4 | 0 | 2 | 172 | | 850 | 1478 | 0 | 5.1 | 4.5 | 0 | 40 | 168 | 2 | 850 | 1421 | 2 | 6.1 | 5.1 | 3 | 15 | 153 | 2 | | | |
| 1010 | * 31 | | | | | | | | 1015 | * 13 | | | | | | | | 1007 | * 31 | | | | | | | | | | |
| N AMERICA - USA SHREVEPORT/REG., LA. 72248 JUL 2006 3227N 09350W OB 2 | | | | | | | | | N AMERICA - USA NEWPORT, NC. 72305 JUL 2006 3446N 07652W OB 2 | | | | | | | | | N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 JUL 2006 3614N 08633W OB 3 | | | | | | | | | | | |
| 030 | 24119 | 1 | -53.9 | 23.7 | 1 | 97 | 92 | 14 | 030 | 24160 | 1 | -52.2 | 23.4 | 1 | 99 | 90 | 14 | 030 | 24238 | 1 | -51.6 | 16.2 | 1 | 98 | 89 | 12 | | | |
| 050 | 20887 | 1 | -60.0 | 16.5 | 1 | 98 | 84 | 13 | 050 | 20909 | 1 | -59.1 | 19.9 | 1 | 99 | 81 | 11 | 050 | 20969 | 1 | -57.5 | 10.7 | 1 | 98 | 80 | 10 | | | |
| 100 | 16659 | 1 | -68.9 | 9.7 | 2 | 78 | 60 | 7 | 100 | 16645 | 0 | -65.9 | 13.1 | 0 | 41 | 34 | 3 | 100 | 16684 | 1 | -65.6 | 8.4 | 1 | 61 | 19 | 4 | | | |
| 150 | 14226 | 1 | -65.3 | 10.0 | 1 | 40 | 5 | 4 | 150 | 14180 | 0 | -63.2 | 10.2 | 0 | 31 | 345 | 4 | 150 | 14207 | 1 | -62.0 | 8.6 | 1 | 66 | 331 | 8 | | | |
| 200 | 12432 | 1 | -54.7 | 12.2 | 1 | 39 | 294 | 5 | 200 | 12384 | 0 | -55.0 | 9.4 | 0 | 22 | 286 | 3 | 200 | 12400 | 1 | -53.9 | 9.5 | 1 | 61 | 312 | 9 | | | |
| 300 | 9713 | 1 | -32.9 | 16.5 | 1 | 29 | 325 | 3 | 300 | 9673 | 0 | -34.0 | 11.5 | 0 | 34 | 251 | 4 | 300 | 9682 | 1 | -33.8 | 13.7 | 1 | 61 | 315 | 7 | | | |
| 500 | 5912 | 0 | -6.3 | 13.9 | 0 | 10 | 81 | 1 | 500 | 5893 | 0 | -7.9 | 13.6 | 0 | 68 | 260 | 6 | 500 | 5894 | 1 | -7.0 | 17.1 | 1 | 53 | 294 | 5 | | | |
| 700 | 3202 | 0 | 9.1 | 8.7 | 0 | 31 | 185 | 2 | 700 | 3198 | 0 | 7.5 | 9.1 | 0 | 62 | 259 | 5 | 700 | 3193 | 1 | 8.0 | 11.8 | 2 | 64 | 272 | 5 | | | |
| 850 | 1563 | 0 | 18.6 | 5.7 | 0 | 62 | 195 | 4 | 850 | 1569 | 0 | 16.8 | 6.1 | 0 | 58 | 272 | 4 | 850 | 1563 | 1 | 17.4 | 6.2 | 1 | 66 | 253 | 5 | | | |
| 1007 | * 85 | | | | | | | | 1017 | * 11 | | | | | | | | 997 | * 180 | | | | | | | | | | |
| N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 JUL 2006 4107N 10040W OB 3 | | | | | | | | | N AMERICA - USA MEDFORD/MEDFORD-JACKSON COUN 72597 JUL 2006 4223N 12250W OB 3 | | | | | | | | | N AMERICA - USA CHANHASSEN, MN. 72649 JUL 2006 4451N 09333W OB 2 | | | | | | | | | | | |
| 030 | 24219 | 1 | -51.2 | 24.5 | | | | | 030 | | | | | | | | | 030 | 24251 | 0 | -49.7 | 25.8 | | | | | | | |
| 050 | 20945 | 1 | -57.1 | 19.4 | | | | | 050 | | | | | | | | | 050 | 20952 | 0 | -56.2 | 15.3 | | | | | | | |
| 100 | 16654 | 0 | -67.6 | 9.8 | | | | | 100 | 16564 | 1 | -58.3 | 12.8 | | | | | 100 | 16615 | 0 | -63.3 | 11.3 | | | | | | | |
| 150 | 14217 | 0 | -65.9 | 8.7 | | | | | 150 | 13999 | 0 | -55.8 | 12.8 | | | | | 150 | 14131 | 0 | -62.6 | 11.2 | | | | | | | |
| 200 | 12425 | 0 | -53.8 | 8.4 | | | | | 200 | 12160 | 0 | -55.1 | 12.3 | | | | | 200 | 12329 | 0 | -53.6 | 13.3 | | | | | | | |
| 300 | 9695 | 0 | -32.3 | 9.8 | | | | | 300 | 9497 | 0 | -40.0 | 16.6 | | | | | 300 | 9606 | 0 | -34.0 | 17.4 | | | | | | | |
| 500 | 5891 | 0 | -7.4 | 8.1 | | | | | 500 | 5802 | 0 | -11.7 | 19.2 | | | | | 500 | 5838 | 0 | -9.5 | 9.4 | | | | | | | |
| 700 | 3179 | 0 | 11.9 | 11.9 | | | | | 700 | 3133 | 0 | 6.4 | 14.5 | | | | | 700 | 3157 | 0 | 6.9 | 9.0 | | | | | | | |
| 850 | 1520 | 0 | 21.3 | 9.1 | | | | | 850 | 1509 | 0 | 14.9 | 11.5 | | | | | 850 | 1533 | 0 | 15.3 | 4.9 | | | | | | | |
| 919 | * 849 | | 18.9 | 2.4 | | | | | 969 | * 398 | | 15.6 | 6.3 | | | | | 982 | * 290 | | 19.0 | 2.8 | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|---------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-----|-----|----|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | |
| N AMERICA - USA INT.FALLS/FALLS INT. MN. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72747 JUL 2006 4833N 09323W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | 24331 | 3 | -49.9 | 17.7 | | 3 | 96 | 86 | 8 | 030 | 24305 | 1 | -50.1 | 24.8 | | 1 | 96 | 85 | 8 | |
| 050 | | | | | | | | | 050 | 21030 | 3 | -55.2 | 14.1 | | 3 | 70 | 81 | 3 | 050 | 21009 | 1 | -55.7 | 15.6 | | 1 | 64 | 78 | 3 | |
| 100 | 2 | -58.6 | 19.7 | | | | | | 100 | 16656 | 1 | -59.4 | 12.0 | | 1 | 83 | 263 | 9 | 100 | 16637 | 0 | -58.2 | 13.4 | | 0 | 83 | 243 | 8 | |
| 150 | 2 | -56.4 | 17.2 | | | | | | 150 | 14109 | 0 | -57.0 | 11.7 | | 0 | 92 | 261 | 21 | 150 | 14073 | 0 | -55.6 | 13.3 | | 0 | 93 | 245 | 21 | |
| 200 | 11974 | 2 | -53.4 | 12.4 | | | | | 200 | 12275 | 0 | -53.2 | 11.4 | | 0 | 93 | 261 | 27 | 200 | 12232 | 0 | -53.6 | 13.1 | | 1 | 92 | 245 | 28 | |
| 300 | 9522 | 2 | -36.9 | 13.9 | | | | | 300 | 9578 | 0 | -36.7 | 14.0 | | 0 | 91 | 263 | 23 | 300 | 9546 | 0 | -37.7 | 17.4 | | 0 | 88 | 246 | 21 | |
| 500 | 5740 | 2 | -12.3 | 15.1 | | | | | 500 | 5839 | 0 | -9.9 | 17.9 | | 0 | 91 | 257 | 13 | 500 | 5819 | 0 | -10.6 | 18.2 | | 0 | 90 | 243 | 14 | |
| 700 | 3103 | 1 | 4.0 | 10.5 | | | | | 700 | 3149 | 0 | 9.2 | 18.8 | | 1 | 90 | 267 | 8 | 700 | 3141 | 0 | 7.2 | 16.3 | | 0 | 89 | 237 | 7 | |
| 850 | 1463 | 1 | 13.3 | 6.2 | | | | | 850 | 1505 | 0 | 20.4 | 19.7 | | 5 | 76 | 252 | 5 | 850 | 1511 | 0 | 19.0 | 18.2 | | 0 | 79 | 229 | 5 | |
| 975 | * 362 | | 12.0 | 1.8 | | | | | 888 | *1132 | | 16.2 | 10.4 | | | | | | 931 | * 728 | | 14.6 | 7.6 | | | | | | |
| N AMERICA - CANADA NORMAN WELLS UA, | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71043 JUL 2006 6517N 12640W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24468 | 0 | -44.1 | 35.7 | | 0 | 90 | 74 | 5 | 030 | 24471 | 5 | -42.8 | 35.7 | | 6 | 90 | 79 | 5 | 030 | 24546 | 0 | -41.3 | 31.1 | | 0 | 83 | 88 | 3 |
| 050 | 21062 | 0 | -46.7 | 34.5 | | 1 | 28 | 34 | 1 | 050 | 21034 | 4 | -44.2 | 35.1 | | 4 | 73 | 84 | 3 | 050 | 21091 | 0 | -42.6 | 30.7 | | 0 | 78 | 107 | 3 |
| 100 | 16469 | 0 | -46.6 | 34.5 | | 1 | 83 | 278 | 6 | 100 | 16395 | 3 | -44.5 | 34.8 | | 2 | 16 | 270 | 1 | 100 | 16415 | 0 | -42.7 | 29.8 | | 0 | 37 | 113 | 2 |
| 150 | 13776 | 0 | -46.1 | 34.7 | | 1 | 85 | 276 | 8 | 150 | 13675 | 2 | -43.8 | 34.1 | | 1 | 29 | 238 | 2 | 150 | 13675 | 0 | -41.5 | 29.8 | | 0 | 22 | 157 | 2 |
| 200 | 11866 | 0 | -48.4 | 29.3 | | 0 | 79 | 277 | 9 | 200 | 11748 | 1 | -45.5 | 29.3 | | 2 | 35 | 254 | 3 | 200 | 11719 | 0 | -40.9 | 29.1 | | 0 | 17 | 184 | 2 |
| 300 | 9232 | 0 | -46.0 | 8.5 | | 0 | 70 | 286 | 11 | 300 | 9074 | 0 | -46.5 | 7.7 | | 2 | 32 | 226 | 5 | 300 | 9003 | 0 | -46.7 | 8.5 | | 2 | 12 | 225 | 2 |
| 500 | 5626 | 0 | -18.5 | 10.0 | | 0 | 76 | 287 | 8 | 500 | 5487 | 0 | -20.1 | 8.3 | | 1 | 21 | 225 | 3 | 500 | 5450 | 0 | -23.5 | 7.9 | | 0 | 27 | 225 | 3 |
| 700 | 3031 | 0 | -2.1 | 5.8 | | 0 | 80 | 287 | 6 | 700 | 2916 | 0 | -5.2 | 6.0 | | 1 | 10 | 221 | 1 | 700 | 2910 | 0 | -8.5 | 6.3 | | 0 | 41 | 249 | 3 |
| 850 | 1457 | 0 | 8.3 | 7.2 | | 0 | 23 | 298 | 2 | 850 | 1365 | 0 | 2.8 | 4.8 | | 0 | 9 | 240 | 1 | 850 | 1383 | 0 | -9.4 | 4.7 | | 0 | 45 | 268 | 3 |
| 1003 | * 95 | | 12.7 | 5.0 | | | | | 1004 | * | | 5.9 | 2.5 | | | | | 1004 | * 76 | | 4.1 | 2.1 | | | | | | | |
| N AMERICA - CANADA ST.JOHN'S UA, NFLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71801 JUL 2006 4737N 05245W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24343 | 5 | -48.6 | 34.1 | | 6 | 94 | 93 | 8 | 030 | 24352 | 2 | -48.0 | 30.0 | | 4 | 94 | 85 | 6 | 030 | 24374 | 1 | -47.0 | 27.8 | | 2 | 92 | 96 | 5 |
| 050 | 21016 | 5 | -52.7 | 33.0 | | 8 | 63 | 103 | 3 | 050 | 21014 | 2 | -51.5 | 27.9 | | 6 | 46 | 82 | 2 | 050 | 21017 | 0 | -49.9 | 26.5 | | 3 | 43 | 123 | 2 |
| 100 | 16587 | 4 | -57.0 | 31.3 | | 4 | 88 | 269 | 10 | 100 | 16537 | 9 | -52.7 | 26.2 | | 9 | 90 | 262 | 10 | 100 | 16505 | 0 | -50.7 | 26.3 | | 2 | 88 | 267 | 9 |
| 150 | 14019 | 3 | -55.9 | 27.6 | | 4 | 91 | 266 | 21 | 150 | 13913 | 6 | -50.5 | 26.1 | | 8 | 90 | 262 | 18 | 150 | 13850 | 0 | -48.3 | 25.7 | | 1 | 88 | 264 | 15 |
| 200 | 12185 | 3 | -55.2 | 14.3 | | 4 | 91 | 261 | 29 | 200 | 12032 | 5 | -50.6 | 20.4 | | 5 | 86 | 257 | 25 | 200 | 11951 | 0 | -49.1 | 18.0 | | 2 | 84 | 261 | 21 |
| 300 | 9498 | 2 | -37.9 | 12.8 | | 3 | 90 | 261 | 27 | 300 | 9355 | 2 | -40.4 | 12.2 | | 2 | 82 | 264 | 23 | 300 | 9280 | 1 | -42.0 | 9.6 | | 2 | 76 | 262 | 19 |
| 500 | 5774 | 1 | -11.1 | 13.9 | | 2 | 95 | 259 | 21 | 500 | 5681 | 1 | -14.3 | 11.6 | | 2 | 83 | 267 | 13 | 500 | 5627 | 0 | -15.9 | 13.4 | | 1 | 79 | 266 | 12 |
| 700 | 3112 | 1 | 4.2 | 11.8 | | 1 | 92 | 257 | 13 | 700 | 3050 | 1 | .8 | 12.6 | | 2 | 79 | 269 | 8 | 700 | 3011 | 0 | -.8 | 9.2 | | 0 | 79 | 267 | 9 |
| 850 | 1508 | 1 | 11.9 | 6.7 | | 1 | 82 | 260 | 10 | 850 | 1463 | 1 | 9.7 | 6.2 | | 2 | 52 | 273 | 5 | 850 | 1437 | 0 | 7.6 | 5.1 | | 0 | 67 | 257 | 6 |
| 999 | * 140 | | 17.1 | 2.7 | | | | | 1005 | * 55 | | 15.9 | 3.6 | | | | | 1004 | * 39 | | 16.0 | 5.6 | | | | | | | |
| N AMERICA - CANADA SEPT-ILES UA, QUE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71811 JUL 2006 5013N 06615W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24352 | 2 | -48.0 | 30.0 | | 4 | 94 | 85 | 6 | 030 | 24352 | 2 | -48.0 | 30.0 | | 4 | 94 | 85 | 6 | 030 | 24374 | 1 | -47.0 | 27.8 | | 2 | 92 | 96 | 5 |
| 050 | 21014 | 2 | -51.5 | 27.9 | | 6 | 46 | 82 | 2 | 050 | 21014 | 2 | -51.5 | 27.9 | | 6 | 46 | 82 | 2 | 050 | 21017 | 0 | -49.9 | 26.5 | | 3 | 43 | 123 | 2 |
| 100 | 16537 | 9 | -52.7 | 26.2 | | 9 | 90 | 262 | 10 | 100 | 16537 | 9 | -52.7 | 26.2 | | 9 | 90 | 262 | 10 | 100 | 16505 | 0 | -50.7 | 26.3 | | 2 | 88 | 267 | 9 |
| 150 | 13913 | 6 | -50.5 | 26.1 | | 8 | 90 | 262 | 18 | 150 | 13913 | 6 | -50.5 | 26.1 | | 8 | 90 | 262 | 18 | 150 | 13850 | 0 | -48.3 | 25.7 | | 1 | 88 | 264 | 15 |
| 200 | 12032 | 5 | -50.6 | 20.4 | | 5 | 86 | 257 | 25 | 200 | 12032 | 5 | -50.6 | 20.4 | | 5 | 86 | 257 | 25 | 200 | 11951 | 0 | -49.1 | 18.0 | | 2 | 84 | 261 | 21 |
| 300 | 9355 | 2 | -40.4 | 12.2 | | 2 | 82 | 264 | 23 | 300 | 9355 | 2 | -40.4 | 12.2 | | 2 | 82 | 264 | 23 | 300 | 9280 | 1 | -42.0 | 9.6 | | 2 | 76 | 262 | 19 |
| 500 | 5681 | 1 | -14.3 | 11.6 | | 2 | 83 | 267</td | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| N AMERICA - CANADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA GRANDE IV UA, QUE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71823 JUL 2006 5345N 07340W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24368 | 0 | -46.5 | 34.4 | 1 | 91 | 87 | 5 | 030 | 24358 | 3 | -47.9 | 31.5 | 4 | 92 | 83 | 6 | 030 | 24374 | 0 | -47.8 | 34.1 | 1 | 88 | 74 | 5 | |
| 050 | 21011 | 0 | -50.2 | 33.2 | 3 | 14 | 333 | 1 | 050 | 21016 | 3 | -51.8 | 30.4 | 6 | 28 | 11 | 1 | 050 | 21037 | 0 | -52.0 | 33.0 | 4 | 71 | 4 | 3 | |
| 100 | 16497 | 0 | -50.2 | 32.5 | 1 | 88 | 280 | 9 | 100 | 16542 | 3 | -52.5 | 30.0 | 4 | 93 | 289 | 10 | 100 | 16570 | 0 | -53.0 | 32.4 | 0 | 90 | 289 | 12 | |
| 150 | 13836 | 0 | -48.1 | 32.8 | 2 | 91 | 279 | 14 | 150 | 13912 | 1 | -50.1 | 29.5 | 2 | 92 | 288 | 18 | 150 | 13938 | 0 | -50.2 | 32.9 | 0 | 92 | 284 | 21 | |
| 200 | 11934 | 1 | -48.6 | 27.0 | 2 | 87 | 278 | 17 | 200 | 12033 | 1 | -51.0 | 20.7 | 1 | 89 | 285 | 22 | 200 | 12059 | 0 | -51.4 | 23.2 | 2 | 90 | 281 | 26 | |
| 300 | 9271 | 0 | -43.4 | 9.9 | 2 | 70 | 283 | 15 | 300 | 9361 | 1 | -41.1 | 10.2 | 1 | 82 | 290 | 20 | 300 | 9389 | 0 | -40.4 | 12.8 | 0 | 86 | 281 | 24 | |
| 500 | 5631 | 0 | -16.4 | 14.0 | 1 | 72 | 284 | 10 | 500 | 5686 | 1 | -14.2 | 12.7 | 1 | 86 | 291 | 13 | 500 | 5707 | 0 | -13.7 | 12.6 | 0 | 86 | 286 | 15 | |
| 700 | 3020 | 0 | -1.0 | 7.9 | 2 | 65 | 290 | 7 | 700 | 3053 | 1 | 1.4 | 8.4 | 1 | 81 | 292 | 9 | 700 | 3067 | 0 | 2.4 | 8.0 | 0 | 81 | 292 | 10 | |
| 850 | 1444 | 0 | 7.6 | 5.4 | 1 | 40 | 289 | 4 | 850 | 1462 | 1 | 10.2 | 7.5 | 1 | 64 | 283 | 6 | 850 | 1467 | 0 | 12.5 | 8.1 | 0 | 62 | 285 | 5 | |
| 974 | * 302 | | 13.5 | 3.0 | | | | | 1010 | * 11 | | 14.4 | 2.5 | | | | | 979 | * 274 | | 15.7 | 2.8 | | | | | |
| N AMERICA - CANADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOOSONEE UA, ONT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71836 JUL 2006 5116N 08039W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24358 | 3 | -47.9 | 31.5 | 4 | 92 | 83 | 6 | 030 | 24374 | 0 | -47.8 | 34.1 | 1 | 88 | 74 | 5 | 030 | 24374 | 0 | -47.8 | 34.1 | 1 | 88 | 74 | 5 | |
| 050 | 21016 | 3 | -51.8 | 30.4 | 6 | 28 | 11 | 1 | 050 | 21037 | 0 | -52.0 | 33.0 | 4 | 71 | 4 | 3 | 050 | 21037 | 0 | -52.0 | 33.0 | 4 | 71 | 4 | 3 | |
| 100 | 16542 | 3 | -52.5 | 30.0 | 4 | 93 | 289 | 10 | 100 | 16570 | 0 | -53.0 | 32.4 | 0 | 90 | 289 | 12 | 100 | 16570 | 0 | -53.0 | 32.4 | 0 | 90 | 289 | 12 | |
| 150 | 13912 | 1 | -50.1 | 29.5 | 2 | 92 | 288 | 18 | 150 | 13938 | 0 | -50.2 | 32.9 | 0 | 92 | 284 | 21 | 150 | 13938 | 0 | -50.2 | 32.9 | 0 | 92 | 284 | 21 | |
| 200 | 12033 | 1 | -51.0 | 20.7 | 1 | 89 | 285 | 22 | 200 | 12059 | 0 | -51.4 | 23.2 | 2 | 90 | 281 | 26 | 200 | 12059 | 0 | -51.4 | 23.2 | 2 | 90 | 281 | 26 | |
| 300 | 9361 | 1 | -41.1 | 10.2 | 1 | 82 | 290 | 20 | 300 | 9389 | 0 | -40.4 | 12.8 | 0 | 86 | 281 | 24 | 300 | 9389 | 0 | -40.4 | 12.8 | 0 | 86 | 281 | 24 | |
| 500 | 5686 | 1 | -14.2 | 12.7 | 1 | 86 | 291 | 13 | 500 | 5707 | 0 | -13.7 | 12.6 | 0 | 86 | 286 | 15 | 500 | 5707 | 0 | -13.7 | 12.6 | 0 | 86 | 286 | 15 | |
| 700 | 3053 | 1 | 1.4 | 8.4 | 1 | 81 | 292 | 9 | 700 | 3067 | 0 | 2.4 | 8.0 | 0 | 81 | 292 | 10 | 700 | 3067 | 0 | 2.4 | 8.0 | 0 | 81 | 292 | 10 | |
| 850 | 1462 | 1 | 10.2 | 7.5 | 1 | 64 | 283 | 6 | 850 | 1467 | 0 | 12.5 | 8.1 | 0 | 62 | 285 | 5 | 850 | 1467 | 0 | 12.5 | 8.1 | 0 | 62 | 285 | 5 | |
| 974 | * 274 | | 14.4 | 2.5 | | | | | 979 | * 274 | | 15.7 | 2.8 | | | | | 979 | * 274 | | 15.7 | 2.8 | | | | | |
| N AMERICA - CANADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| THE PAS A UA, MAN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71867 JUL 2006 5358N 10100W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24374 | 0 | -47.8 | 34.1 | 1 | 88 | 74 | 5 | 030 | 24374 | 0 | -47.8 | 34.1 | 1 | 88 | 74 | 5 | 030 | 24374 | 0 | -47.8 | 34.1 | 1 | 88 | 74 | 5 | |
| 050 | 21037 | 0 | -52.0 | 33.0 | 4 | 71 | 4 | 3 | 050 | 21037 | 0 | -52.0 | 33.0 | 4 | 71 | 4 | 3 | 050 | 21037 | 0 | -52.0 | 33.0 | 4 | 71 | 4 | 3 | |
| 100 | 16570 | 0 | -53.0 | 32.4 | 0 | 90 | 289 | 12 | 100 | 16570 | 0 | -53.0 | 32.4 | 0 | 90 | 289 | 12 | 100 | 16570 | 0 | -53.0 | 32.4 | 0 | 90 | 289 | 12 | |
| 150 | 13938 | 0 | -50.2 | 32.9 | 0 | 92 | 284 | 21 | 150 | 13938 | 0 | -50.2 | 32.9 | 0 | 92 | 284 | 21 | 150 | 13938 | 0 | -50.2 | 32.9 | 0 | 92 | 284 | 21 | |
| 200 | 12059 | 0 | -51.4 | 23.2 | 2 | 90 | 281 | 26 | 200 | 12059 | 0 | -51.4 | 23.2 | 2 | 90 | 281 | 26 | 200 | 12059 | 0 | -51.4 | 23.2 | 2 | 90 | 281 | 26 | |
| 300 | 9389 | 0 | -40.4 | 12.8 | 0 | 86 | 281 | 24 | 300 | 9389 | 0 | -40.4 | 12.8 | 0 | 86 | 281 | 24 | 300 | 9389 | 0 | -40.4 | 12.8 | 0 | 86 | 281 | 24 | |
| 500 | 5707 | 0 | -13.7 | 12.6 | 0 | 86 | 286 | 15 | 500 | 5707 | 0 | -13.7 | 12.6 | 0 | 86 | 286 | 15 | 500 | 5707 | 0 | -13.7 | 12.6 | 0 | 86 | 286 | 15 | |
| 700 | 3067 | 0 | 2.4 | 8.0 | 0 | 81 | 292 | 10 | 700 | 3067 | 0 | 2.4 | 8.0 | 0 | 81 | 292 | 10 | 700 | 3067 | 0 | 2.4 | 8.0 | 0 | 81 | 292 | 10 | |
| 850 | 1467 | 0 | 12.5 | 8.1 | 0 | 62 | 285 | 5 | 850 | 1467 | 0 | 12.5 | 8.1 | 0 | 62 | 285 | 5 | 850 | 1467 | 0 | 12.5 | 8.1 | 0 | 62 | 285 | 5 | |
| 974 | * 274 | | 15.7 | 2.8 | | | | | 979 | * 274 | | 15.7 | 2.8 | | | | | 979 | * 274 | | 15.7 | 2.8 | | | | | |
| N AMERICA - CANADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IQALUIT UA, NU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71909 JUL 2006 6345N 06833W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24441 | 1 | -43.8 | 35.5 | 7 | 86 | 94 | 5 | 030 | 24441 | 1 | -43.8 | 35.5 | 7 | 86 | 94 | 5 | 030 | 24441 | 1 | -43.8 | 35.5 | 7 | 86 | 94 | 5 | |
| 050 | 21021 | 1 | -45.4 | 34.9 | 8 | 66 | 95 | 3 | 050 | 21021 | 1 | -45.4 | 34.9 | 8 | 66 | 95 | 3 | 050 | 21021 | 1 | -45.4 | 34.9 | 8 | 66 | 95 | 3 | |
| 100 | 16410 | 1 | -46.1 | 34.6 | 6 | 40 | 270 | 2 | 100 | 16410 | 1 | -46.1 | 34.6 | 6 | 40 | 270 | 2 | 100 | 16410 | 1 | -46.1 | 34.6 | 6 | 40</ | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| N AMERICA - CANADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RESOLUTE UA, NU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71924 JUL 2006 7442N 09458W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24495 | 0 | -42.3 | 29.6 | 8 | 77 | 89 | 4 | 030 | 24486 | 2 | -42.8 | 36.1 | 9 | 91 | 81 | 5 | 030 | 24444 | 1 | -44.1 | 35.6 | 4 | 79 | 71 | 4 | |
| 050 | 21051 | 0 | -43.4 | 29.0 | 9 | 66 | 83 | 3 | 050 | 21054 | 2 | -44.3 | 35.7 | 9 | 63 | 20 | 3 | 050 | 21033 | 1 | -45.9 | 35.0 | 5 | 70 | 9 | 3 | |
| 100 | 16393 | 0 | -43.7 | 28.5 | 9 | 17 | 326 | 1 | 100 | 16418 | 2 | -44.8 | 35.4 | 9 | 70 | 306 | 4 | 100 | 16427 | 1 | -45.7 | 35.1 | 4 | 89 | 306 | 7 | |
| 150 | 13666 | 0 | -43.0 | 28.0 | 7 | 21 | 308 | 1 | 150 | 13699 | 0 | -43.9 | 35.7 | 9 | 76 | 299 | 6 | 150 | 13719 | 1 | -44.2 | 35.3 | 5 | 82 | 294 | 9 | |
| 200 | 11723 | 0 | -42.7 | 24.9 | 9 | 38 | 314 | 3 | 200 | 11766 | 0 | -44.5 | 33.4 | 9 | 65 | 305 | 7 | 200 | 11787 | 1 | -44.2 | 34.2 | 4 | 66 | 295 | 9 | |
| 300 | 9019 | 0 | -46.2 | 8.9 | 9 | 28 | 318 | 4 | 300 | 9087 | 0 | -47.3 | 8.2 | 9 | 53 | 309 | 9 | 300 | 9098 | 1 | -45.3 | 11.6 | 4 | 36 | 300 | 7 | |
| 500 | 5463 | 0 | -22.8 | 8.8 | 5 | 38 | 331 | 4 | 500 | 5519 | 0 | -21.4 | 10.1 | 8 | 63 | 319 | 8 | 500 | 5511 | 1 | -20.5 | 10.5 | 3 | 47 | 310 | 7 | |
| 700 | 2916 | 0 | -7.3 | 5.1 | 6 | 43 | 330 | 4 | 700 | 2955 | 0 | -6.0 | 8.8 | 4 | 63 | 322 | 7 | 700 | 2942 | 1 | -5.5 | 7.3 | 1 | 50 | 307 | 6 | |
| 850 | 1379 | 0 | .4 | 4.6 | 7 | 43 | 344 | 4 | 850 | 1412 | 0 | 1.7 | 5.3 | 4 | 64 | 332 | 6 | 850 | 1394 | 1 | 2.5 | 4.2 | 2 | 51 | 317 | 5 | |
| 1000 | * 46 | | 3.1 | 2.0 | | | | | 1008 | * 25 | | 7.2 | 3.1 | | | | | 1006 | * 51 | | 8.7 | 3.0 | | | | | |
| N AMERICA - CANADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE BAY UA, NU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71925 JUL 2006 6908N 10500W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24486 | 2 | -42.8 | 36.1 | 9 | 91 | 81 | 5 | 030 | 24444 | 1 | -44.1 | 35.6 | 4 | 79 | 71 | 4 | 030 | 24374 | 2 | -44.4 | 35.9 | 4 | 83 | 82 | 4 | |
| 050 | 21054 | 2 | -44.3 | 35.7 | 9 | 63 | 20 | 3 | 050 | 21033 | 1 | -45.9 | 35.0 | 5 | 70 | 9 | 3 | 050 | 20969 | 1 | -46.2 | 35.1 | 2 | 13 | 90 | 1 | |
| 100 | 16418 | 2 | -44.8 | 35.4 | 9 | 70 | 306 | 4 | 100 | 16447 | 1 | -46.7 | 34.9 | 2 | 81 | 265 | 4 | 100 | 16447 | 1 | -46.7 | 34.9 | 3 | 86 | 270 | 6 | |
| 150 | 13699 | 0 | -43.9 | 35.7 | 9 | 76 | 299 | 6 | 150 | 13747 | 2 | -45.6 | 34.9 | 3 | 76 | 271 | 8 | 150 | 13747 | 2 | -45.6 | 34.9 | 3 | 76 | 271 | 8 | |
| 200 | 11766 | 0 | -44.5 | 33.4 | 9 | 65 | 305 | 7 | 200 | 11831 | 2 | -47.2 | 29.7 | 3 | 76 | 271 | 8 | 200 | 11831 | 2 | -47.2 | 29.7 | 3 | 76 | 271 | 8 | |
| 300 | 9087 | 0 | -47.3 | 8.2 | 9 | 53 | 309 | 9 | 300 | 9177 | 2 | -46.3 | 8.3 | 1 | 75 | 276 | 13 | 300 | 9177 | 2 | -46.3 | 8.3 | 1 | 80 | 270 | 10 | |
| 500 | 5519 | 0 | -21.4 | 10.1 | 8 | 63 | 319 | 8 | 500 | 5585 | 2 | -19.6 | 13.1 | 1 | 75 | 267 | 6 | 500 | 5585 | 2 | -19.6 | 13.1 | 1 | 80 | 270 | 10 | |
| 700 | 2955 | 0 | -6.0 | 8.8 | 4 | 63 | 322 | 7 | 700 | 3003 | 2 | -3.8 | 7.2 | 1 | 75 | 267 | 6 | 700 | 3003 | 2 | -3.8 | 7.2 | 1 | 75 | 267 | 6 | |
| 850 | 1412 | 0 | 1.7 | 5.3 | 4 | 64 | 332 | 6 | 850 | 1443 | 2 | 5.2 | 6.0 | 1 | 53 | 268 | 3 | 850 | 1443 | 2 | 5.2 | 6.0 | 1 | 53 | 268 | 3 | |
| 1000 | * 25 | | 7.2 | 3.1 | | | | | 968 | * 382 | | 12.1 | 1.6 | | | | | 1004 | * 103 | | 10.2 | 2.4 | | | | | |
| N AMERICA - CANADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORT NELSON UA, BC | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71945 JUL 2006 5850N 12230W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24430 | 1 | -46.1 | 33.6 | 1 | 84 | 77 | 5 | 030 | 24374 | 2 | -44.4 | 35.9 | 4 | 83 | 82 | 4 | 030 | 24374 | 2 | -44.4 | 35.9 | 4 | 83 | 82 | 4 | |
| 050 | 21064 | 1 | -49.6 | 32.4 | 1 | 10 | 135 | 1 | 050 | 20969 | 1 | -46.2 | 35.1 | 2 | 13 | 90 | 1 | 050 | 20969 | 1 | -46.2 | 35.1 | 2 | 13 | 90 | 1 | |
| 100 | 16526 | 0 | -49.3 | 33.3 | 1 | 91 | 257 | 7 | 100 | 16447 | 1 | -46.7 | 34.9 | 2 | 81 | 265 | 4 | 100 | 16447 | 1 | -46.7 | 34.9 | 3 | 86 | 270 | 6 | |
| 150 | 13861 | 0 | -47.5 | 32.9 | 1 | 94 | 257 | 11 | 150 | 13747 | 2 | -45.6 | 34.9 | 3 | 76 | 271 | 8 | 150 | 13747 | 2 | -45.6 | 34.9 | 3 | 76 | 271 | 8 | |
| 200 | 11967 | 0 | -50.2 | 23.2 | 0 | 91 | 255 | 14 | 200 | 11831 | 2 | -47.2 | 29.7 | 3 | 76 | 271 | 8 | 200 | 11831 | 2 | -47.2 | 29.7 | 3 | 76 | 271 | 8 | |
| 300 | 9321 | 0 | -43.8 | 6.1 | 0 | 63 | 246 | 10 | 300 | 9177 | 2 | -46.3 | 8.3 | 1 | 75 | 276 | 13 | 300 | 9177 | 2 | -46.3 | 8.3 | 1 | 80 | 270 | 10 | |
| 500 | 5680 | 0 | -16.2 | 8.7 | 1 | 59 | 254 | 6 | 500 | 5585 | 2 | -19.6 | 13.1 | 1 | 80 | 270 | 10 | 500 | 5585 | 2 | -19.6 | 13.1 | 1 | 80 | 270 | 10 | |
| 700 | 3065 | 0 | -.3 | 3.4 | 1 | 53 | 281 | 4 | 700 | 3003 | 2 | -3.8 | 7.2 | 1 | 75 | 267 | 6 | 700 | 3003 | 2 | -3.8 | 7.2 | 1 | 75 | 267 | 6 | |
| 850 | 1477 | 0 | 11.3 | 6.9 | 0 | 36 | 327 | 2 | 850 | 1443 | 2 | 5.2 | 6.0 | 1 | 53 | 268 | 3 | 850 | 1443 | 2 | 5.2 | 6.0 | 1 | 53 | 268 | 3 | |
| 1000 | * 382 | | 12.1 | 1.6 | | | | | 968 | * 103 | | 10.2 | 2.4 | | | | | 1004 | * 103 | | 10.2 | 2.4 | | | | | |
| N AMERICA - CANADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WHITEHORSE, UA, YT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71964 JUL 2006 6044N 13500W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 24415 | 3 | -45.8 | 31.8 | 3 | 80 | 99 | 4 | 030 | 24045 | 10 | -54.1 | 12.8 | 9 | 98 | 105 | 18 | 030 | 23937 | 1 | -55.9 | | 1 | 89 | 103 | 9 | |
| 050 | 21039 | 2 | -48.8 | 30.4 | 6 | 21 | 153 | 1 | 050 | 20822 | 7 | -61.6 | 9.4 | 9 | 99 | 94 | 18 | 050 | 20726 | 0 | -61.9 | | 0 | 94 | 79 | 11 | |
| 100 | 16480 | 1 | -47.7 | 30.2 | 3 | 71 | 238 | 5 | 100 | 16615 | 12 | -71.2 | 7.7 | 9 | 91 | 85 | 14 | 100 | 16595 | 0 | -76.1 | | 0 | 47 | 83 | 4 | |
| 150 | 13798 | 1 | -46.7 | 29.3 | 4 | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| N AMERICA - NETHERLANDS ANTILLES & ARUBA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JULIANA AIRPORT, | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78866 JUL 2006 1802N 06307W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 20708 | 9 | -53.7 | | 9 | 98 | 95 | 18 | 030 | 24008 | 7 | -54.5 | | 7 | 93 | 100 | 8 | 030 | 23989 | 3 | -54.4 | | 3 | 98 | 96 | 12 | |
| 050 | | 6 | -62.0 | | 8 | 99 | 88 | 16 | 050 | 20784 | 6 | -62.1 | | 6 | 99 | 90 | 12 | 050 | 20774 | 1 | -61.2 | | 1 | 96 | 89 | 14 | |
| 100 | 16613 | 4 | -72.6 | | 4 | 59 | 310 | 4 | 100 | 16633 | 6 | -73.7 | | 6 | 67 | 85 | 5 | 100 | 16588 | 0 | -73.0 | | 0 | 64 | 57 | 4 | |
| 150 | 14264 | 3 | -67.5 | | 3 | 58 | 307 | 8 | 150 | 14240 | 4 | -67.7 | | 4 | 54 | 315 | 6 | 150 | 14202 | 0 | -67.8 | | 0 | 76 | 292 | 11 | |
| 200 | 12443 | 2 | -54.2 | | 2 | 44 | 290 | 6 | 200 | 12455 | 4 | -53.9 | | 4 | 37 | 280 | 4 | 200 | 12417 | 0 | -54.1 | | 0 | 53 | 280 | 6 | |
| 300 | 9712 | 1 | -31.9 | 9.7 | 1 | 51 | 279 | 4 | 300 | 9718 | 3 | -31.1 | 13.4 | 3 | 53 | 85 | 3 | 300 | 9687 | 0 | -32.0 | 7.7 | 0 | 49 | 193 | 3 | |
| 500 | 5904 | 1 | -6.1 | 12.1 | 1 | 48 | 109 | 3 | 500 | 5899 | 0 | -5.6 | 16.7 | 0 | 94 | 90 | 8 | 500 | 5875 | 0 | -5.8 | 9.6 | 0 | 95 | 101 | 7 | |
| 700 | 3202 | 1 | 9.3 | 4.8 | 1 | 71 | 106 | 5 | 700 | 3186 | 0 | 9.5 | 9.4 | 0 | 94 | 100 | 12 | 700 | 3161 | 0 | 9.5 | 8.5 | 0 | 97 | 107 | 13 | |
| 850 | 1566 | 2 | 17.3 | 4.1 | 1 | 95 | 111 | 8 | 850 | 1547 | 0 | 17.6 | 2.9 | 0 | 95 | 100 | 10 | 850 | 1519 | 0 | 17.8 | 3.5 | 0 | 98 | 110 | 12 | |
| 1017 | * 4 | | 27.1 | 4.2 | | | | | 1014 | * 15 | | 26.4 | 2.2 | | | | | 1006 | * 54 | | 26.6 | 2.9 | | | | | |
| S AMERICA - BRAZIL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MANAUS (AEROPORTO) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82332 JUL 2006 0309S 05959W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23964 | 8 | -54.3 | 20.1 | 8 | 91 | 272 | 10 | 030 | 20715 | 13 | -61.2 | | 9 | 80 | 283 | 8 | 030 | 23940 | 6 | -53.7 | | 7 | 80 | 259 | 6 | |
| 050 | 20733 | 5 | -60.3 | 13.8 | 7 | 92 | 274 | 12 | 050 | 20715 | 13 | -61.2 | | 9 | 50 | 267 | 6 | 050 | 20713 | 3 | -61.7 | | 4 | 91 | 269 | 10 | |
| 100 | 16588 | 2 | -77.0 | 8.0 | 2 | 82 | 263 | 7 | 100 | 16577 | 3 | -76.5 | | 3 | 98 | 274 | 22 | 100 | 16586 | 1 | -77.2 | | 2 | 33 | 250 | 4 | |
| 150 | 14224 | 2 | -67.8 | 9.8 | 3 | 91 | 284 | 15 | 150 | 14201 | 4 | -66.9 | | 3 | 98 | 276 | 27 | 150 | 14215 | 1 | -67.0 | | 2 | 93 | 266 | 20 | |
| 200 | 12438 | 2 | -53.9 | 14.1 | 2 | 84 | 293 | 11 | 200 | 12411 | 3 | -54.0 | | 2 | 92 | 276 | 27 | 200 | 12425 | 1 | -53.9 | | 2 | 88 | 270 | 15 | |
| 300 | 9703 | 2 | -31.4 | 18.5 | 2 | 53 | 320 | 4 | 300 | 9682 | 2 | -32.2 | 25.3 | 2 | 44 | 8 | 4 | 300 | 9696 | 1 | -32.1 | 28.9 | 2 | 11 | 359 | 1 | |
| 500 | 5888 | 2 | -6.0 | 16.2 | 2 | 85 | 94 | 6 | 500 | 5875 | 1 | -6.4 | 23.5 | 2 | 76 | 80 | 7 | 500 | 5888 | 1 | -6.4 | 22.1 | 2 | 71 | 92 | 6 | |
| 700 | 3178 | 2 | 7.9 | 5.4 | 2 | 94 | 81 | 9 | 700 | 3166 | 1 | 8.9 | 14.6 | 1 | 88 | 83 | 8 | 700 | 3178 | 1 | 8.8 | 13.9 | 2 | 85 | 83 | 6 | |
| 850 | 1545 | 2 | 17.7 | 3.0 | 2 | 95 | 102 | 9 | 850 | 1536 | 1 | 15.7 | 7.3 | 1 | 98 | 131 | 12 | 850 | 1545 | 1 | 16.3 | 6.2 | 2 | 94 | 123 | 8 | |
| 1005 | * 84 | | 26.3 | 3.5 | | | | | 1013 | * 26 | | 26.1 | 4.3 | | | | | 1010 | * 56 | | 27.3 | 4.2 | | | | | |
| S AMERICA - BRAZIL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORTALEZA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82397 JUL 2006 0346S 03836W OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | 20715 | 13 | -61.2 | | 9 | 80 | 283 | 8 | 030 | 23940 | 6 | -53.7 | | 7 | 80 | 259 | 6 | |
| 050 | | | | | | | | | 050 | 20715 | 13 | -61.2 | | 9 | 50 | 267 | 6 | 050 | 20713 | 3 | -61.7 | | 4 | 91 | 269 | 10 | |
| 100 | | | | | | | | | 100 | 16577 | 3 | -76.5 | | 3 | 98 | 274 | 22 | 100 | 16586 | 1 | -77.2 | | 2 | 33 | 250 | 4 | |
| 150 | | | | | | | | | 150 | 14201 | 4 | -66.9 | | 3 | 98 | 276 | 27 | 150 | 14215 | 1 | -67.0 | | 2 | 93 | 266 | 20 | |
| 200 | | | | | | | | | 200 | 12411 | 3 | -54.0 | | 2 | 92 | 276 | 27 | 200 | 12425 | 1 | -53.9 | | 2 | 88 | 270 | 15 | |
| 300 | | | | | | | | | 300 | 9682 | 2 | -32.2 | 25.3 | 2 | 44 | 8 | 4 | 300 | 9696 | 1 | -32.1 | 28.9 | 2 | 11 | 359 | 1 | |
| 500 | | | | | | | | | 500 | 5875 | 1 | -6.4 | 23.5 | 2 | 76 | 80 | 7 | 500 | 5888 | 1 | -6.4 | 22.1 | 2 | 71 | 92 | 6 | |
| 700 | | | | | | | | | 700 | 3166 | 1 | 8.9 | 14.6 | 1 | 88 | 83 | 8 | 700 | 3178 | 1 | 8.8 | 13.9 | 2 | 85 | 83 | 6 | |
| 850 | | | | | | | | | 850 | 1536 | 1 | 15.7 | 7.3 | 1 | 98 | 131 | 12 | 850 | 1545 | 1 | 16.3 | 6.2 | 2 | 94 | 123 | 8 | |
| 1005 | | | | | | | | | 1013 | * 26 | | 26.1 | 4.3 | | | | | 1010 | * 56 | | 27.3 | 4.2 | | | | | |
| S AMERICA - BRAZIL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLORIANO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82678 JUL 2006 0646S 04301W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | 23934 | 16 | -54.9 | | 8 | 89 | 282 | 8 | 030 | 20697 | 8 | -60.9 | | 9 | 90 | 274 | 9 | |
| 050 | | | | | | | | | 050 | 20712 | 8 | -61.7 | | 8 | 75 | 285 | 8 | 050 | 20697 | 3 | -75.9 | | 9 | 73 | 270 | 6 | |
| 100 | | | | | | | | | 100 | 16575 | 8 | -77.0 | | 8 | 98 | 274 | 22 | 100 | 16567 | 2 | -67.9 | | 8 | 81 | 270 | 20 | |
| 150 | | | | | | | | | 150 | 14199 | 8 | -67.4 | | 8 | 98 | 280 | 20 | 150 | 14193 | 2 | -54.0 | | 7 | 77 | 273 | 14 | |
| 200 | | | | | | | | | 200 | 12415 | 8 | -54.7 | | 8 | 95 | 318 | 9 | 200 | 12406 | 1 | -32.2 | 25.3 | 7 | 77 | 279 | 10 | |
| 300 | 9692 | 2 | -32.2 | 21.1 | 3 | 42 | 297 | 4 | 300 | 9690 | 8 | -32.3 | 21.4 | 8 | 81 | 94 | 6 | 300 | 9679 | 1 | -32.2 | 25.3 | 7 | 77 | 273 | 14 | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| S AMERICA - BRAZIL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECIFE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82900 JUL 2006 0803S 03455W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23940 | 11 | -54.2 | | 9 | 90 | 273 | 10 | 030 | 20698 | 11 | -63.0 | | 9 | 81 | 276 | 7 | 030 | 20702 | 6 | -62.8 | | 7 | 87 | 271 | 7 | |
| 050 | 20717 | 7 | -61.9 | | 8 | 81 | 283 | 7 | 050 | 20698 | 11 | -63.0 | | 9 | 81 | 276 | 7 | 050 | 20702 | 6 | -62.8 | | 7 | 87 | 280 | 10 | |
| 100 | 16585 | 3 | -75.9 | | 5 | 68 | 283 | 7 | 100 | 16562 | 4 | -74.0 | | 4 | 88 | 285 | 11 | 100 | 16563 | 3 | -73.4 | | 4 | 87 | 266 | 20 | |
| 150 | 14201 | 3 | -67.2 | | 5 | 98 | 268 | 23 | 150 | 14163 | 2 | -66.9 | | 2 | 95 | 265 | 20 | 150 | 14162 | 2 | -67.3 | | 4 | 95 | 276 | 21 | |
| 200 | 12414 | 2 | -54.5 | | 5 | 96 | 272 | 22 | 200 | 12378 | 2 | -55.0 | | 3 | 94 | 274 | 23 | 200 | 12377 | 2 | -54.9 | | 4 | 93 | 281 | 16 | |
| 300 | 9688 | 2 | -32.5 | 28.1 | 5 | 72 | 292 | 9 | 300 | 9665 | 2 | -33.5 | 23.9 | 3 | 82 | 282 | 16 | 300 | 9662 | 2 | -33.4 | 24.8 | 4 | 79 | 281 | 5 | |
| 500 | 5886 | 2 | -6.3 | 29.6 | 5 | 8 | 78 | 1 | 500 | 5878 | 1 | -6.8 | 30.8 | 1 | 68 | 265 | 7 | 500 | 5872 | 2 | -7.4 | 31.2 | 4 | 63 | 268 | 5 | |
| 700 | 3175 | 2 | 9.0 | 19.4 | 5 | 70 | 90 | 4 | 700 | 3178 | 1 | 7.7 | 21.3 | 1 | 36 | 91 | 3 | 700 | 3175 | 2 | 7.6 | 20.7 | 3 | 38 | 102 | 3 | |
| 850 | 1547 | 2 | 15.0 | 6.1 | 5 | 89 | 130 | 8 | 850 | 1561 | 1 | 12.8 | 6.5 | 1 | 92 | 127 | 7 | 850 | 1552 | 2 | 15.9 | 12.6 | 3 | 81 | 114 | 5 | |
| 1016 | * 7 | | 26.5 | 4.5 | | | | | 1014 | * 51 | | 23.9 | 4.0 | | | | | 968 | * 440 | | 21.2 | 6.6 | | | | | |
| S AMERICA - BRAZIL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SALVADOR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83229 JUL 2006 1301S 03831W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23940 | 11 | -54.2 | | 9 | 90 | 273 | 10 | 030 | 20698 | 11 | -63.0 | | 9 | 81 | 276 | 7 | 030 | 20702 | 6 | -62.8 | | 7 | 87 | 271 | 7 | |
| 050 | 20698 | 5 | -63.4 | | 8 | 88 | 279 | 7 | 050 | 20722 | 5 | -63.4 | | 5 | 88 | 279 | 7 | 050 | 20676 | 3 | -63.5 | | 3 | 89 | 283 | 8 | |
| 100 | 16559 | 6 | -73.3 | | 9 | 96 | 266 | 11 | 100 | 16569 | 3 | -72.6 | | 3 | 96 | 272 | 13 | 100 | 16522 | 1 | -72.7 | | 1 | 94 | 277 | 15 | |
| 150 | 14157 | 3 | -66.4 | | 9 | 89 | 267 | 16 | 150 | 14164 | 3 | -66.2 | | 3 | 90 | 270 | 19 | 150 | 14114 | 1 | -66.1 | | 1 | 91 | 270 | 20 | |
| 200 | 12365 | 2 | -54.4 | | 9 | 83 | 272 | 18 | 200 | 12376 | 3 | -54.9 | | 3 | 88 | 279 | 23 | 200 | 12329 | 1 | -55.8 | | 1 | 88 | 277 | 24 | |
| 300 | 9650 | 2 | -34.4 | 33.8 | 7 | 73 | 275 | 11 | 300 | 9664 | 3 | -34.1 | 27.7 | 3 | 82 | 283 | 19 | 300 | 9626 | 1 | -34.9 | 30.8 | 1 | 83 | 283 | 18 | |
| 500 | 5878 | 2 | -7.8 | 35.6 | 7 | 20 | 232 | 2 | 500 | 5881 | 3 | -8.1 | 31.7 | 3 | 54 | 303 | 7 | 500 | 5862 | 1 | -8.4 | 41.3 | 1 | 44 | 258 | 4 | |
| 700 | 3186 | 2 | 7.6 | 22.1 | 8 | 36 | 322 | 2 | 700 | 3196 | 3 | 7.5 | 21.9 | 4 | 45 | 104 | 3 | 700 | 3177 | 2 | 6.7 | 24.5 | 1 | 33 | 136 | 2 | |
| 850 | 1559 | 2 | 17.9 | 14.8 | 8 | 63 | 28 | 4 | 850 | 1573 | 3 | 15.6 | 8.3 | 3 | 88 | 78 | 8 | 850 | 1565 | 1 | 12.2 | 10.0 | 5 | 59 | 114 | 3 | |
| 996 | * 187 | | 21.2 | 5.7 | | | | | 902 | * 1061 | | 15.5 | 6.0 | | | | | 1021 | * 3 | | 21.5 | 2.8 | | | | | |
| S AMERICA - BRAZIL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRASILIA (AEROPORTO) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83378 JUL 2006 1552S 04756W OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23940 | 10 | -54.6 | | 9 | 91 | 290 | 10 | 030 | 20722 | 5 | -63.4 | | 9 | 91 | 290 | 10 | 030 | 23879 | 6 | -55.7 | | 7 | 91 | 284 | 10 | |
| 050 | 20698 | 5 | -63.4 | | 8 | 88 | 279 | 7 | 050 | 20722 | 5 | -63.4 | | 5 | 88 | 279 | 7 | 050 | 20676 | 3 | -63.5 | | 3 | 89 | 283 | 8 | |
| 100 | 16559 | 6 | -73.3 | | 9 | 96 | 266 | 11 | 100 | 16569 | 3 | -72.6 | | 3 | 96 | 272 | 13 | 100 | 16522 | 1 | -72.7 | | 1 | 94 | 277 | 15 | |
| 150 | 14157 | 3 | -66.4 | | 9 | 89 | 267 | 16 | 150 | 14164 | 3 | -66.2 | | 3 | 90 | 270 | 19 | 150 | 14114 | 1 | -66.1 | | 1 | 91 | 270 | 20 | |
| 200 | 12365 | 2 | -54.4 | | 9 | 83 | 272 | 18 | 200 | 12376 | 3 | -54.9 | | 3 | 88 | 279 | 23 | 200 | 12329 | 1 | -55.8 | | 1 | 88 | 277 | 24 | |
| 300 | 9650 | 2 | -34.4 | 33.8 | 7 | 73 | 275 | 11 | 300 | 9664 | 3 | -34.1 | 27.7 | 3 | 82 | 283 | 19 | 300 | 9626 | 1 | -34.9 | 30.8 | 1 | 83 | 283 | 18 | |
| 500 | 5878 | 2 | -7.8 | 35.6 | 7 | 20 | 232 | 2 | 500 | 5881 | 3 | -8.1 | 31.7 | 3 | 54 | 303 | 7 | 500 | 5862 | 1 | -8.4 | 41.3 | 1 | 44 | 258 | 4 | |
| 700 | 3186 | 2 | 7.6 | 22.1 | 8 | 36 | 322 | 2 | 700 | 3196 | 3 | 7.5 | 21.9 | 4 | 45 | 104 | 3 | 700 | 3177 | 2 | 6.7 | 24.5 | 1 | 33 | 136 | 2 | |
| 850 | 1559 | 2 | 17.9 | 14.8 | 8 | 63 | 28 | 4 | 850 | 1573 | 3 | 15.6 | 8.3 | 3 | 88 | 78 | 8 | 850 | 1565 | 1 | 12.2 | 10.0 | 5 | 59 | 114 | 3 | |
| 996 | * 187 | | 21.2 | 5.7 | | | | | 902 | * 1061 | | 15.5 | 6.0 | | | | | 1021 | * 3 | | 21.5 | 2.8 | | | | | |
| S AMERICA - BRAZIL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARAVELAS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83498 JUL 2006 1744S 03915W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23879 | 6 | -55.7 | | 7 | 91 | 284 | 10 | 030 | 20676 | 3 | -63.5 | | 7 | 91 | 284 | 10 | 030 | 23879 | 6 | -55.7 | | 7 | 91 | 284 | 10 | |
| 050 | 20676 | 3 | -63.5 | | 8 | 88 | 279 | 7 | 050 | 20676 | 3 | -63.5 | | 5 | 88 | 279 | 7 | 050 | 20676 | 3 | -63.5 | | 3 | 89 | 283 | 8 | |
| 100 | 16522 | 1 | -72.7 | | 9 | 94 | 272 | 13 | 100 | 16522 | 1 | -72.7 | | 1 | 94 | 277 | 15 | 100 | 16522 | 1 | -72.7 | | 1 | 94 | 277 | 15 | |
| 150 | 14114 | 1 | -66.1 | | 9 | 90 | 270 | 19 | 150 | 14114 | 1 | -66.1 | | 1 | 91 | 270 | 20 | 150 | 14114 | 1 | -66.1 | | 1 | 91 | 270 | 20 | |
| 200 | 12329 | 1 | -55 | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| S AMERICA - BRAZIL MARTE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83779 JUL 2006 2330S 04638W OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23853 | 5 | -54.9 | | 5 | 86 | 290 | 10 | 030 | 23837 | 10 | -54.7 | 14.9 | 9 | 76 | 289 | 6 | 030 | | | | | | | | | |
| 050 | 20645 | 4 | -62.9 | | 4 | 92 | 267 | 9 | 050 | 20627 | 8 | -62.4 | 11.8 | 9 | 94 | 272 | 8 | 050 | | | | | | | | | |
| 100 | 16482 | 2 | -71.5 | | 2 | 95 | 265 | 18 | 100 | 16462 | 5 | -70.6 | 9.7 | 6 | 90 | 264 | 18 | 100 | | | | | | | | | |
| 150 | 14054 | 2 | -65.0 | | 2 | 92 | 265 | 22 | 150 | 14025 | 4 | -65.4 | 10.9 | 5 | 89 | 263 | 24 | 150 | | | | | | | | | |
| 200 | 12266 | 2 | -56.5 | | 2 | 88 | 260 | 22 | 200 | 12246 | 4 | -57.1 | 12.6 | 5 | 84 | 257 | 23 | 200 | | | | | | | | | |
| 300 | 9590 | 2 | -37.8 | 22.5 | 2 | 67 | 258 | 12 | 300 | 9580 | 4 | -37.8 | 19.0 | 5 | 74 | 258 | 16 | 300 | 9567 | 12 | -38.9 | 18.5 | 9 | 80 | 260 | 17 | |
| 500 | 5855 | 2 | -9.7 | 31.0 | 2 | 60 | 258 | 6 | 500 | 5845 | 4 | -8.8 | 25.9 | 5 | 64 | 275 | 7 | 500 | 5843 | 5 | -10.3 | 24.5 | 6 | 72 | 259 | 9 | |
| 700 | 3179 | 1 | 6.1 | 21.8 | 1 | 56 | 270 | 4 | 700 | 3160 | 4 | 6.9 | 28.0 | 5 | 67 | 313 | 6 | 700 | 3173 | 1 | 5.8 | 17.9 | 2 | 67 | 280 | 6 | |
| 850 | 1564 | 1 | 14.2 | 9.5 | 1 | 52 | 320 | 4 | 850 | 1541 | 4 | 15.3 | 14.6 | 5 | 72 | 335 | 8 | 850 | 1558 | 2 | 13.4 | 9.6 | 1 | 71 | 328 | 6 | |
| 939 | * 722 | | 15.6 | 4.1 | | | | | 990 | * 180 | | 15.5 | 4.5 | | | | | 918 | * 908 | | 12.7 | 3.0 | | | | | |
| S AMERICA - CHILE ANTOFAGASTA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85442 JUL 2006 2326S 07027W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23879 | 4 | -62.9 | 29.9 | 4 | 62 | 251 | 5 | 030 | 23777 | 5 | -57.4 | 28.8 | 5 | 98 | 263 | 15 | 030 | | | | | | | | | |
| 050 | 20668 | 0 | -70.9 | | 0 | 93 | 273 | 16 | 050 | 20578 | 3 | -61.5 | 27.1 | 3 | 97 | 262 | 20 | 050 | | | | | | | | | |
| 100 | | 0 | -65.1 | 18.9 | 0 | 91 | 264 | 28 | 100 | 16345 | 0 | -60.5 | 27.7 | 0 | 87 | 282 | 18 | 100 | | | | | | | | | |
| 150 | | 0 | -56.1 | 17.0 | 0 | 88 | 264 | 29 | 150 | 13788 | 0 | -58.2 | 23.3 | 2 | 97 | 269 | 41 | 150 | 13497 | 5 | -54.2 | | 5 | 95 | 277 | 32 | |
| 200 | | 0 | -36.0 | 20.5 | 0 | 83 | 263 | 22 | 200 | 11975 | 0 | -57.1 | 16.1 | 0 | 95 | 272 | 48 | 200 | 11653 | 4 | -54.2 | | 4 | 95 | 279 | 37 | |
| 300 | 5845 | | | | 0 | 69 | 280 | 10 | 300 | 9309 | 0 | -43.0 | 13.6 | 0 | 94 | 275 | 40 | 300 | 9054 | 1 | -47.7 | 14.5 | 1 | 86 | 282 | 38 | |
| 700 | 3150 | | | | 0 | 46 | 345 | 3 | 700 | 3092 | 0 | .5 | 19.9 | 0 | 92 | 310 | 10 | 700 | 2973 | 1 | -8.0 | 11.8 | 1 | 78 | 299 | 14 | |
| 850 | 1509 | 0 | 18.9 | 33.6 | 0 | 65 | 48 | 3 | 850 | 1511 | 0 | 9.6 | | 0 | 51 | 321 | 4 | 850 | 1437 | 1 | 1.0 | 5.6 | 1 | 76 | 316 | 11 | |
| 1003 | * 140 | | 13.5 | 4.1 | | | | | 1010 | * 75 | | 9.1 | 1.4 | | | | | 1003 | * 90 | | 6.0 | 1.0 | | | | | |
| S AMERICA - CHILE PUNTA ARENAS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85934 JUL 2006 5300S 07051W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 19933 | 2 | -60.2 | 28.8 | 2 | 94 | 262 | 27 | 100 | 16439 | 7 | -63.4 | | | | | | 030 | 23765 | 4 | -57.0 | 30.9 | 5 | 91 | 261 | 13 | |
| 050 | 15659 | 1 | -59.2 | 27.8 | 1 | 90 | 264 | 22 | 150 | 13985 | 3 | -64.1 | | | | | | 050 | 20580 | 3 | -62.5 | 28.5 | 4 | 87 | 262 | 11 | |
| 100 | 13122 | 1 | -60.1 | 21.2 | 1 | 81 | 260 | 19 | 200 | 12200 | 2 | -57.4 | | 9 | 79 | 240 | 23 | 100 | 16359 | 0 | -65.4 | 25.2 | 1 | 94 | 269 | 26 | |
| 150 | 11322 | 1 | -54.4 | 11.4 | 1 | 69 | 257 | 16 | 300 | 9547 | 0 | -38.7 | 17.0 | 7 | 77 | 255 | 19 | 150 | 13882 | 0 | -62.5 | 21.5 | 1 | 93 | 269 | 36 | |
| 200 | 8773 | 0 | -29.6 | 12.0 | 0 | 71 | 256 | 11 | 500 | 5825 | 0 | -9.8 | 25.0 | 1 | 79 | 280 | 12 | 200 | 12089 | 0 | -57.2 | 17.0 | 1 | 89 | 266 | 41 | |
| 300 | 5326 | | | | 0 | 71 | 241 | 10 | 700 | 3137 | 0 | 7.3 | 20.3 | 0 | 78 | 325 | 8 | 300 | 9441 | 0 | -41.0 | 16.6 | 1 | 89 | 268 | 33 | |
| 700 | 2837 | 0 | -12.3 | 16.3 | 1 | 71 | 241 | 10 | 850 | 1519 | 0 | 14.3 | 11.1 | 1 | 67 | 335 | 7 | 500 | 5763 | 0 | -12.8 | 21.4 | 1 | 91 | 278 | 19 | |
| 850 | 1330 | 0 | -4.4 | 5.8 | 1 | 61 | 250 | 8 | 1010 | * 53 | | 14.1 | 2.1 | | | | | 850 | 1491 | 0 | 11.5 | 14.3 | 3 | 27 | 317 | 2 | |
| 999 | * 43 | | 1.5 | 2.1 | | | | | | | | | | | | | | 960 | * 484 | | 8.9 | 4.4 | | | | | |
| S AMERICA - ARGENTINA RESISTENCIA AERO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87155 JUL 2006 2727S 05903W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | | | | | | | | | 030 | | | | | | | | | 030 | 23765 | 4 | -57.0 | 30.9 | 5 | 91 | 261 | 13 | |
| 050 | | | | | | | | | 050 | | | | | | | | | 050 | 20580 | 3 | -62.5 | 28.5 | 4 | 87 | 262 | 11 | |
| 100 | | | | | | | | | 100 | | | | | | | | | 100 | 16359 | 0 | -65.4 | 25.2 | 1 | 94 | 269 | 26 | |
| 150 | | | | | | | | | 150 | | | | | | | | | 150 | 13882 | 0 | -62.5 | 21.5 | 1 | 93 | 269 | 36 | |
| 200 | | | | | | | | | 200 | | | | | | | | | 200 | 12089 | 0 | -57.2 | 17.0 | 1 | 89 | 266 | 41 | |
| 300 | | | | | | | | | 300 | | | | | | | | | 300 | 9441 | 0 | -41.0 | 16.6 | 1 | 89 | 268 | 33 | |
| 700 | | | | | | | | | 500 | | | | | | | | | 500 | 5763 | 0 | -12.8 | 21.4 | 1 | 91 | 278 | 19 | |
| 850 | | | | | | | | | 700 | | | | | | | | | 700 | 3100 | 0 | 5.9 | 22.2 | 2 | 83 | 295 | 9 | |
| 999 | | | | | | | | | 850 | | | | | | | | | 850 | 1491 | 0 | 11.5 | 14.3 | 3 | 27 | 317 | 2 | |
| | | | | | | | | | 1010 | | | | | | | | | 960 | * 484 | | 8.9 | 4.4 | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| S AMERICA - ARGENTINA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SANTA ROSA AERO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87623 JUL 2006 3634S 06416W OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23700 | 9 | -58.6 | | 9 | 93 | 261 | 16 | 030 | 23455 | 9 | -63.9 | | 9 | 99 | 266 | 34 | 030 | 23076 | 3 | -68.1 | 27.3 | 3 | 98 | 265 | 47 | |
| 050 | 20519 | 6 | -61.6 | | 9 | 94 | 258 | 18 | 050 | 20283 | 6 | -62.1 | | 6 | 98 | 272 | 32 | 050 | 19981 | 2 | -64.9 | 27.6 | 2 | 97 | 265 | 40 | |
| 100 | 16223 | 1 | -60.9 | | 1 | 95 | 268 | 31 | 100 | | | | | | | | | 100 | 15696 | 0 | -59.6 | 29.2 | 0 | 96 | 265 | 30 | |
| 150 | 13692 | 1 | -58.3 | | 1 | 94 | 273 | 38 | 150 | | | | | | | | | 150 | 13146 | 0 | -57.5 | 28.3 | 0 | 92 | 265 | 25 | |
| 200 | 11879 | 1 | -57.6 | | 2 | 94 | 273 | 43 | 200 | | | | | | | | | 200 | 11331 | 0 | -58.4 | 22.4 | 0 | 84 | 262 | 24 | |
| 300 | 9262 | 0 | -44.6 | 17.8 | 2 | 89 | 275 | 37 | 300 | 8861 | 4 | -51.1 | 13.3 | 5 | 87 | 279 | 30 | 300 | 8773 | 0 | -53.6 | 13.4 | 0 | 72 | 257 | 20 | |
| 500 | 5650 | 0 | -18.3 | 19.3 | 1 | 92 | 274 | 40 | 500 | 5434 | 4 | -26.3 | 10.7 | 6 | 88 | 273 | 20 | 500 | 5319 | 0 | -29.5 | 12.0 | 0 | 71 | 256 | 13 | |
| 700 | 3051 | 0 | -4.4 | 20.4 | 2 | 88 | 275 | 12 | 700 | 2922 | 2 | -8.5 | 12.9 | 6 | 88 | 264 | 14 | 700 | 2833 | 0 | -12.2 | 12.4 | 0 | 61 | 248 | 9 | |
| 850 | 1478 | 0 | 7.0 | 14.6 | 1 | 58 | 260 | 6 | 850 | 1391 | 2 | .6 | 11.6 | 6 | 79 | 263 | 12 | 850 | 1324 | 0 | -3.9 | 7.9 | 0 | 49 | 251 | 7 | |
| 993 | * 191 | | 5.2 | 3.5 | | | | | 1004 | * 58 | | 5.7 | 7.1 | | | | | 994 | * 74 | | 2.2 | 1.4 | | | | | |
| ANTARCTICA - AUSTRALIA (ANTARCTIC) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAWSON | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89564 JUL 2006 6736S 06252E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 21421 | 4 | -83.3 | 11.1 | 4 | 96 | 262 | 37 | 030 | 21362 | 1 | -83.9 | 10.0 | 1 | 95 | 271 | 30 | 030 | | | | | | | | | |
| 050 | 18571 | 4 | -81.4 | 11.6 | 4 | 96 | 263 | 29 | 050 | 18522 | 1 | -82.3 | 10.3 | 1 | 94 | 275 | 25 | 050 | | | | | | | | | |
| 100 | 14627 | 2 | -76.0 | 13.3 | 2 | 96 | 262 | 21 | 100 | 14605 | 1 | -76.8 | 11.8 | 1 | 91 | 279 | 15 | 100 | 14801 | 6 | -74.2 | 14.5 | 6 | 91 | 288 | 26 | |
| 150 | 12259 | 2 | -71.4 | 14.3 | 2 | 94 | 262 | 16 | 150 | 12246 | 0 | -72.2 | 12.2 | 0 | 84 | 287 | 11 | 150 | 12404 | 2 | -70.5 | 14.1 | 2 | 87 | 293 | 19 | |
| 200 | 10547 | 2 | -68.7 | 12.8 | 2 | 87 | 261 | 14 | 200 | 10545 | 0 | -70.0 | 10.5 | 0 | 66 | 297 | 7 | 200 | 10690 | 2 | -68.5 | 11.4 | 2 | 82 | 299 | 14 | |
| 300 | 8089 | 2 | -61.6 | 12.8 | 2 | 75 | 263 | 12 | 300 | 8100 | 0 | -62.6 | 9.0 | 0 | 46 | 323 | 6 | 300 | 8232 | 2 | -60.6 | 9.7 | 2 | 53 | 314 | 9 | |
| 500 | 4785 | 2 | -41.7 | 15.5 | 2 | 56 | 265 | 6 | 500 | 4803 | 0 | -41.7 | 9.4 | 0 | 43 | 19 | 5 | 500 | 4884 | 2 | -37.3 | 9.0 | 2 | 26 | 2 | 3 | |
| 700 | 2440 | 2 | -29.1 | 9.6 | 2 | 28 | 156 | 2 | 700 | 2451 | 0 | -27.0 | 7.6 | 0 | 76 | 50 | 7 | 700 | 2487 | 2 | -22.2 | 8.7 | 2 | 31 | 35 | 3 | |
| 850 | 1043 | 2 | -25.4 | 6.8 | 3 | 74 | 102 | 5 | 850 | 1034 | 0 | -21.8 | 5.2 | 0 | 98 | 45 | 12 | 850 | 1039 | 2 | -15.7 | 7.6 | 2 | 65 | 52 | 6 | |
| 979 | * 16 | | -21.8 | 8.3 | 3 | | | | 975 | * 23 | | -20.5 | 5.7 | | | | | 969 | * 42 | | -12.7 | 4.2 | | | | | |
| ANTARCTICA - GERMANY (ANTARCTIC) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEUMAYER | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89002 JUL 2006 7040S 00815W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 21493 | 5 | -84.7 | 7.6 | 6 | 94 | 256 | 30 | 030 | 21351 | 6 | -86.8 | 7.3 | 6 | 93 | 253 | 24 | 030 | | | | | | | | | |
| 050 | 18663 | 4 | -82.9 | 8.1 | 6 | 93 | 254 | 26 | 050 | 18543 | 3 | -85.5 | 7.3 | 3 | 91 | 249 | 20 | 050 | | | | | | | | | |
| 100 | 14748 | 4 | -76.8 | 9.6 | 4 | 87 | 249 | 20 | 100 | 14683 | 2 | -79.2 | 8.0 | 2 | 84 | 248 | 16 | 100 | 15018 | 14 | -74.7 | 12.2 | 9 | 89 | 256 | 26 | |
| 150 | 12389 | 4 | -72.2 | 10.3 | 4 | 80 | 244 | 15 | 150 | 12351 | 2 | -74.5 | 8.0 | 2 | 79 | 247 | 14 | 150 | 12627 | 14 | -69.2 | 11.4 | 9 | 83 | 257 | 22 | |
| 200 | 10687 | 4 | -70.0 | 8.5 | 4 | 72 | 233 | 14 | 200 | 10672 | 2 | -72.6 | 6.9 | 2 | 71 | 247 | 13 | 200 | 10909 | 13 | -68.4 | 10.0 | 9 | 74 | 253 | 20 | |
| 300 | 8235 | 4 | -61.1 | 8.2 | 4 | 56 | 216 | 12 | 300 | 8237 | 2 | -61.5 | 7.0 | 2 | 57 | 249 | 10 | 300 | 8436 | 13 | -58.4 | 8.9 | 9 | 62 | 255 | 16 | |
| 500 | 4906 | 4 | -38.8 | 9.5 | 4 | 42 | 221 | 7 | 500 | 4902 | 2 | -38.1 | 9.1 | 2 | 47 | 244 | 6 | 500 | 5053 | 13 | -34.7 | 8.6 | 9 | 63 | 256 | 14 | |
| 700 | 2519 | 4 | -23.5 | 10.2 | 4 | 26 | 217 | 4 | 700 | 2512 | 2 | -23.7 | 6.3 | 2 | 15 | 270 | 2 | 700 | 2630 | 13 | -19.9 | 10.7 | 9 | 62 | 258 | 10 | |
| 850 | 1085 | 4 | -18.8 | 6.7 | 6 | 20 | 96 | 3 | 850 | 1079 | 2 | -18.7 | 5.4 | 2 | 38 | 60 | 4 | 850 | 1169 | 13 | -12.8 | 5.8 | 9 | 38 | 309 | 4 | |
| 979 | * 50 | | -24.5 | 3.2 | | | | | 979 | * 35 | | -21.5 | 3.0 | | | | | 988 | * 33 | | -7.2 | 3.7 | | | | | |
| ANTARCTICA - UNITED KINGDOM (ANTARCTIC) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HALLEY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89022 JUL 2006 7535S 02639W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 21493 | 5 | -84.7 | 7.6 | 6 | 94 | 256 | 30 | 030 | 21351 | 6 | -86.8 | 7.3 | 6 | 93 | 253 | 24 | 030 | | | | | | | | | |
| 050 | 18543 | 3 | -85.5 | 7.3 | 3 | 91 | 249 | 20 | 050 | 18543 | 3 | -85.5 | 7.3 | 3 | 91 | 249 | 20 | 050 | | | | | | | | | |
| 100 | 14683 | 2 | -79.2 | 8.0 | 2 | 84 | 248 | 16 | 100 | 14683 | 2 | -79.2 | 8.0 | 2 | 84 | 248 | 16 | 100 | 15018 | 14 | -74.7 | 12.2 | 9 | 89 | 256 | 26 | |
| 150 | 12351 | 2 | -74.5 | 8.0 | 2 | 79 | 247 | 14 | 150 | 12351 | 2 | -74.5 | 8.0 | 2 | 79 | 247 | 14 | 150 | 12627 | 14 | -69.2 | 11.4 | 9 | 83 | 257 | 22 | |
| 200 | 10672 | 2 | -72.6 | 6.9 | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | | | | | | |
|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|---|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| ANTARCTICA - USSR (ANTARCTIC) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVOLAZAREVSKAJA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89512 JUL 2006 7046S 01150E OB 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 21342 | 2 | -84.3 | 2.2 | 2 | 95 | 263 | 57 | 030 | 21537 | 9 | -82.7 | 3.7 | 9 | 96 | 274 | 69 | 030 | 23969 | 4 | -53.4 | 32.8 | 4 | 18 | 135 | 1 | |
| 050 | 18525 | 0 | -83.5 | 3.0 | 0 | 92 | 257 | 47 | 050 | 18661 | 6 | -81.1 | 3.7 | 8 | 95 | 277 | 57 | 050 | 20762 | 3 | -61.4 | 27.9 | 3 | 27 | 58 | 2 | |
| 100 | 14637 | 0 | -77.6 | 5.3 | 0 | 90 | 251 | 32 | 100 | 14710 | 4 | -75.4 | 3.8 | 4 | 92 | 283 | 39 | 100 | 16627 | 0 | -79.0 | 6.9 | 0 | 89 | 81 | 19 | |
| 150 | 12290 | 0 | -72.8 | 5.7 | 0 | 87 | 245 | 26 | 150 | 12338 | 2 | -71.1 | 3.9 | 2 | 89 | 290 | 28 | 150 | 14268 | 0 | -67.3 | 6.7 | 0 | 99 | 77 | 30 | |
| 200 | 10597 | 0 | -70.4 | 5.8 | 0 | 79 | 239 | 22 | 200 | 10636 | 0 | -68.5 | 3.9 | 1 | 79 | 302 | 21 | 200 | 12474 | 0 | -52.7 | 6.8 | 0 | 97 | 66 | 22 | |
| 300 | 8151 | 0 | -61.5 | 6.2 | 0 | 67 | 238 | 18 | 300 | 8172 | 0 | -60.8 | 3.9 | 0 | 61 | 334 | 16 | 300 | 9722 | 0 | -30.1 | 6.1 | 0 | 89 | 76 | 9 | |
| 500 | 4834 | 0 | -39.7 | 7.8 | 0 | 55 | 220 | 10 | 500 | 4847 | 0 | -39.8 | 4.0 | 0 | 63 | 16 | 11 | 500 | 5884 | 0 | -4.8 | 5.0 | 0 | 50 | 264 | 3 | |
| 700 | 2471 | 0 | -27.5 | 8.2 | 0 | 53 | 141 | 9 | 700 | 2474 | 0 | -25.2 | 4.3 | 1 | 68 | 52 | 12 | 700 | 3156 | 0 | 10.6 | 5.7 | 0 | 91 | 269 | 7 | |
| 850 | 1071 | 0 | -23.8 | 9.6 | 0 | 89 | 101 | 18 | 850 | 1043 | 0 | -18.9 | 4.4 | 1 | 83 | 80 | 20 | 850 | 1509 | 0 | 19.3 | 4.4 | 0 | 74 | 247 | 4 | |
| 967 | * 119 | | -22.8 | 11.0 | | | | | 970 | * 40 | | -16.8 | 2.6 | | | | | 1009 | * 4 | | 26.9 | 2.8 | | | | | |
| SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOTA BHARU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48615 JUL 2006 0610N 10210E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23967 | 7 | -53.9 | 32.1 | 7 | 36 | 63 | 3 | 030 | 23957 | 4 | -54.2 | 32.5 | 4 | 58 | 279 | 4 | 030 | 23926 | 2 | -54.7 | 31.2 | 3 | 95 | 268 | 12 | |
| 050 | 20736 | 7 | -60.8 | 27.6 | 7 | 55 | 72 | 5 | 050 | 20729 | 4 | -60.6 | 25.9 | 4 | 12 | 286 | 1 | 050 | 20702 | 2 | -61.7 | 27.8 | 2 | 86 | 272 | 11 | |
| 100 | 16623 | 6 | -79.3 | 6.9 | 6 | 95 | 82 | 22 | 100 | 16612 | 2 | -79.6 | 7.1 | 3 | 93 | 84 | 18 | 100 | 16577 | 1 | -79.2 | 7.9 | 1 | 81 | 81 | 14 | |
| 150 | 14268 | 4 | -67.3 | 7.2 | 4 | 98 | 76 | 27 | 150 | 14256 | 0 | -67.0 | 7.3 | 1 | 98 | 74 | 29 | 150 | 14223 | 0 | -67.5 | 7.8 | 0 | 98 | 73 | 27 | |
| 200 | 12476 | 3 | -52.6 | 7.5 | 3 | 95 | 66 | 19 | 200 | 12462 | 0 | -52.9 | 7.5 | 0 | 96 | 66 | 20 | 200 | 12433 | 0 | -53.4 | 7.8 | 0 | 95 | 69 | 19 | |
| 300 | 9722 | 2 | -29.7 | 7.1 | 2 | 85 | 67 | 9 | 300 | 9712 | 0 | -30.2 | 9.2 | 0 | 91 | 78 | 10 | 300 | 9691 | 0 | -30.9 | 10.1 | 0 | 89 | 81 | 11 | |
| 500 | 5884 | 1 | -4.9 | 4.1 | 1 | 38 | 261 | 3 | 500 | 5879 | 0 | -5.1 | 5.7 | 0 | 27 | 284 | 2 | 500 | 5867 | 0 | -5.7 | 5.7 | 0 | 8 | 314 | 1 | |
| 700 | 3157 | 1 | 10.6 | 5.1 | 1 | 90 | 271 | 8 | 700 | 3154 | 0 | 10.4 | 5.2 | 0 | 81 | 269 | 6 | 700 | 3149 | 0 | 9.9 | 5.5 | 0 | 69 | 272 | 5 | |
| 850 | 1510 | 1 | 19.5 | 3.7 | 1 | 91 | 258 | 7 | 850 | 1508 | 0 | 19.3 | 3.7 | 0 | 91 | 231 | 6 | 850 | 1506 | 0 | 18.7 | 3.9 | 0 | 87 | 228 | 6 | |
| 1009 | * 5 | | 26.2 | 2.7 | | | | | 1008 | * 16 | | 26.2 | 1.8 | | | | | 1008 | * 16 | | 27.8 | 3.3 | | | | | |
| SW PACIFIC - USA (PACIFIC OCEAN NORTH) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HILO/GEN. LYMAN, HAWAII, HAW | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91285 JUL 2006 1943N 15500W OB 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23975 | 0 | -54.9 | 11.5 | 0 | 98 | 86 | 18 | 030 | 23901 | 0 | -54.0 | | 2 | 20 | 45 | 1 | 030 | 23956 | 7 | -54.1 | | 7 | 94 | 262 | 12 | |
| 050 | 20768 | 0 | -62.5 | 9.8 | 0 | 98 | 86 | 16 | 050 | 20677 | 0 | -62.7 | | 1 | 45 | 265 | 3 | 050 | 20732 | 6 | -62.0 | | 6 | 85 | 268 | 10 | |
| 100 | 16593 | 0 | -71.7 | 8.1 | 0 | 27 | 195 | 2 | 100 | 16537 | 0 | -73.3 | | 1 | 93 | 262 | 20 | 100 | 16590 | 6 | -76.9 | | | | | | |
| 150 | 14190 | 0 | -66.5 | 8.9 | 0 | 83 | 248 | 15 | 150 | 14132 | 0 | -64.6 | | 1 | 94 | 263 | 35 | 150 | 14211 | 7 | -65.7 | | | 7 | 29 | 251 | 4 |
| 200 | 12401 | 0 | -54.2 | 11.0 | 0 | 83 | 249 | 16 | 200 | 12329 | 0 | -52.3 | | 1 | 94 | 267 | 41 | 200 | 12395 | 5 | -52.3 | | | 7 | 25 | 249 | 4 |
| 300 | 9677 | 0 | -33.0 | 15.4 | 0 | 65 | 240 | 9 | 300 | 9588 | 0 | -32.1 | 32.9 | 1 | 95 | 265 | 39 | 300 | 9644 | 4 | -31.6 | 20.1 | | 6 | 26 | 249 | 4 |
| 500 | 5880 | 0 | -6.0 | 22.3 | 0 | 24 | 107 | 2 | 500 | 5804 | 0 | -8.1 | 35.0 | 0 | 96 | 270 | 25 | 500 | 5844 | 4 | -7.0 | 17.6 | 5 | 30 | 98 | 4 | |
| 700 | 3170 | 0 | 8.9 | 18.6 | 0 | 86 | 90 | 6 | 700 | 3123 | 1 | 4.8 | 36.1 | 0 | 69 | 246 | 6 | 700 | 3141 | 5 | 8.1 | 15.5 | 4 | 56 | 102 | 4 | |
| 850 | 1546 | 0 | 13.8 | 3.2 | 0 | 87 | 56 | 4 | 850 | 1528 | 0 | 7.9 | 2.2 | 0 | 46 | 104 | 3 | 850 | 1514 | 3 | 15.8 | 7.4 | 4 | 51 | 113 | 3 | |
| 1016 | * 11 | | 22.2 | 2.7 | | | | | 1012 | * 72 | | 18.5 | 5.2 | | | | | 1011 | * 4 | | 27.6 | 5.7 | | | | | |
| SW PACIFIC - NEW CALEDONIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOUMEA (NLLE-CALEDONIE) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91592 JUL 2006 2217S 16627E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23901 | 0 | -54.0 | | | | | | 030 | 23901 | 0 | -54.0 | | 2 | 20 | 45 | 1 | 030 | 23956 | 7 | -54.1 | | 7 | 94 | 262 | 12 | |
| 050 | 20677 | 0 | -62.7 | | | | | | 050 | 20677 | 0 | -62.7 | | 1 | 45 | 265 | 3 | 050 | 20732 | 6 | -62.0 | | 6 | 85 | 268 | 10 | |
| 100 | 16537 | 0 | -73.3 | | | | | | 100 | 16537 | 0 | -73.3 | | 1 | 93 | 262 | 20 | 100 | 16590 | 6 | -76.9 | | | | | | |
| 150 | 14132 | 0 | -64.6 | | | | | | 150 | 14132 | 0 | -64.6 | | 1 | 94 | 263 | 35 | 150 | 14211 | 7 | -65.7 | | | 7 | 29 | 251 | 4 |
| 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|----|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| SW PACIFIC - TUVALU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FUNAFUTI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91643 JUL 2006 0831S 17910E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23952 | 0 | -54.3 | | 2 | 96 | 270 | 15 | 030 | 23954 | 7 | -52.9 | | | | | 030 | 23910 | 1 | -53.8 | 20.3 | | 1 | 86 | 267 | 5 | |
| 050 | 20742 | 0 | -62.2 | | 2 | 91 | 277 | 9 | 050 | 20740 | 3 | -63.0 | | | | | 050 | 20706 | 0 | -64.0 | 12.9 | | 0 | 80 | 281 | 4 | |
| 100 | 16625 | 0 | -79.5 | | 5 | 25 | 141 | 2 | 100 | 16613 | 2 | -75.0 | 19.4 | | | | 100 | 16601 | 0 | -78.6 | 7.1 | | 0 | 82 | 272 | 8 | |
| 150 | 14271 | 0 | -67.2 | | 1 | 39 | 226 | 3 | 150 | 14261 | 18 | -79.0 | | | | | 150 | 14240 | 0 | -67.1 | 8.5 | | 0 | 89 | 256 | 14 | |
| 200 | 12476 | 0 | -52.7 | | 1 | 52 | 229 | 4 | 200 | 12428 | 1 | -52.2 | 23.9 | | | | 200 | 12449 | 0 | -53.4 | 12.1 | | 0 | 91 | 260 | 14 | |
| 300 | 9723 | 0 | -30.0 | 24.6 | 0 | 28 | 163 | 2 | 300 | 9680 | 1 | -5.4 | 26.0 | | | | 300 | 9710 | 0 | -31.2 | 18.1 | | 0 | 82 | 267 | 11 | |
| 500 | 5886 | 0 | -5.0 | 16.0 | 1 | 50 | 75 | 3 | 500 | 5864 | 1 | -5.4 | | | | | 500 | 5890 | 0 | -5.2 | 19.5 | | 0 | 63 | 289 | 6 | |
| 700 | 3163 | 0 | 10.5 | 10.3 | 0 | 79 | 88 | 5 | 700 | 3149 | 1 | 9.6 | | | | | 700 | 3169 | 0 | 10.1 | 10.4 | | 0 | 36 | 305 | 2 | |
| 850 | 1520 | 0 | 18.2 | 6.7 | 0 | 86 | 89 | 5 | 850 | 1521 | 1 | 13.5 | 8.3 | 3 | 23 | 200 | 850 | 1529 | 0 | 17.1 | 2.7 | | 0 | 45 | 61 | 2 | |
| 1011 | * 2 | | 30.1 | 4.6 | | | | | 1014 | * 18 | | 25.7 | 8.7 | | | | 1012 | * 6 | | 26.2 | 2.7 | | | | | | |
| SW PACIFIC - COOK ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PENRHYN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91801 JUL 2006 0902S 15800W OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23894 | 1 | -56.1 | | 0 | 97 | 269 | 15 | 030 | 23932 | 6 | -54.1 | | | | | 030 | 23967 | 5 | -54.0 | | | 5 | 67 | 287 | 4 | |
| 050 | 20702 | 1 | -63.5 | | 0 | 87 | 276 | 6 | 050 | 20714 | 3 | -62.4 | | | | | 050 | 20761 | 3 | -62.6 | | | 3 | 62 | 277 | 4 | |
| 100 | 16599 | 1 | -79.8 | | 0 | 36 | 250 | 2 | 100 | 16591 | 0 | -77.6 | | | | | 100 | 16622 | 0 | -75.5 | | | 0 | 92 | 264 | 12 | |
| 150 | 14244 | 1 | -67.4 | | 0 | 78 | 245 | 7 | 150 | 14225 | 0 | -66.5 | | | | | 150 | 14234 | 0 | -65.8 | | | 0 | 95 | 262 | 20 | |
| 200 | 12454 | 1 | -53.5 | | 0 | 60 | 247 | 5 | 200 | 12433 | 0 | -53.2 | | | | | 200 | 12439 | 0 | -53.4 | | | 0 | 92 | 259 | 18 | |
| 300 | 9714 | 1 | -31.0 | 34.7 | 0 | 30 | 192 | 3 | 300 | 9698 | 0 | -31.7 | 36.3 | 0 | 55 | 283 | 6 | 300 | 9707 | 1 | -32.3 | 33.5 | | 0 | 78 | 261 | 13 |
| 500 | 5883 | 1 | -4.4 | 41.6 | 1 | 75 | 87 | 6 | 500 | 5871 | 0 | -4.2 | 39.1 | 0 | 74 | 93 | 7 | 500 | 5897 | 0 | -5.0 | 32.6 | | 0 | 56 | 294 | 5 |
| 700 | 3158 | 1 | 10.8 | 23.4 | 1 | 73 | 98 | 5 | 700 | 3145 | 0 | 10.9 | 31.2 | 0 | 42 | 94 | 3 | 700 | 3173 | 0 | 10.5 | 19.9 | | 0 | 46 | 13 | 3 |
| 850 | 1520 | 0 | 17.3 | 9.2 | 1 | 93 | 84 | 8 | 850 | 1513 | 0 | 15.4 | 5.3 | 1 | 93 | 94 | 7 | 850 | 1537 | 0 | 17.1 | 7.0 | | 0 | 67 | 44 | 4 |
| 1012 | * 1 | | 30.6 | 6.8 | | | | | 1006 | * 53 | | 27.0 | 5.8 | | | | 1014 | * 2 | | 28.4 | 6.0 | | | | | | |
| SW PACIFIC - FRENCH POLY. (TUAMOTU IS) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATUONA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91925 JUL 2006 0949S 13902W OB 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23932 | 6 | -54.1 | | 6 | 97 | 268 | 15 | 030 | 23932 | 6 | -54.1 | | | | | 030 | 23967 | 5 | -54.0 | | | 5 | 67 | 287 | 4 | |
| 050 | 20714 | 3 | -62.4 | | 3 | 88 | 268 | 8 | 050 | 20714 | 3 | -62.4 | | | | | 050 | 20761 | 3 | -62.6 | | | 3 | 62 | 277 | 4 | |
| 100 | 16591 | 0 | -77.6 | | 0 | 42 | 264 | 3 | 100 | 16591 | 0 | -77.6 | | | | | 100 | 16622 | 0 | -75.5 | | | 0 | 92 | 264 | 12 | |
| 150 | 14225 | 0 | -66.5 | | 0 | 85 | 259 | 9 | 150 | 14225 | 0 | -66.5 | | | | | 150 | 14234 | 0 | -65.8 | | | 0 | 95 | 262 | 20 | |
| 200 | 12433 | 0 | -53.2 | | 0 | 83 | 264 | 10 | 200 | 12433 | 0 | -53.2 | | | | | 200 | 12439 | 0 | -53.4 | | | 0 | 92 | 259 | 18 | |
| 300 | 9698 | 0 | -31.7 | 36.3 | 0 | 55 | 283 | 6 | 300 | 9698 | 0 | -31.7 | 36.3 | 0 | 55 | 283 | 6 | 300 | 9707 | 1 | -32.3 | 33.5 | | 0 | 78 | 261 | 13 |
| 500 | 5871 | 0 | -4.2 | 39.1 | 0 | 74 | 93 | 7 | 500 | 5871 | 0 | -4.2 | 39.1 | 0 | 74 | 93 | 7 | 500 | 5897 | 0 | -5.0 | 32.6 | | 0 | 56 | 294 | 5 |
| 700 | 3145 | 0 | 10.9 | 31.2 | 0 | 42 | 94 | 3 | 700 | 3145 | 0 | 10.9 | 31.2 | 0 | 42 | 94 | 3 | 700 | 3173 | 0 | 10.5 | 19.9 | | 0 | 46 | 13 | 3 |
| 850 | 1513 | 0 | 15.4 | 5.3 | 1 | 93 | 94 | 7 | 850 | 1513 | 0 | 15.4 | 5.3 | 1 | 93 | 94 | 7 | 850 | 1537 | 0 | 17.1 | 7.0 | | 0 | 67 | 44 | 4 |
| 1012 | * 53 | | 27.0 | 5.8 | | | | | 1006 | * 53 | | 27.0 | 5.8 | | | | 1014 | * 2 | | 28.4 | 6.0 | | | | | | |
| SW PACIFIC - FRENCH POLY. (AUSTRAL IS) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TUBUAI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91954 JUL 2006 2321S 14929W OB | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23901 | 3 | -55.0 | | 3 | 75 | 281 | 5 | 030 | 23901 | 3 | -55.0 | | | | | 030 | 23901 | 3 | -55.0 | | | 3 | 80 | 267 | 6 | |
| 050 | 20694 | 1 | -63.4 | | 1 | 79 | 259 | 6 | 050 | 20694 | 1 | -63.4 | | | | | 050 | 20696 | 3 | -62.5 | | | 3 | 80 | 267 | 6 | |
| 100 | 16525 | 0 | -72.2 | | 0 | 95 | 263 | 21 | 100 | 16525 | 0 | -72.2 | | | | | 100 | 16527 | 2 | -72.1 | | | 2 | 95 | 272 | 20 | |
| 150 | 14110 | 0 | -64.7 | | 0 | 97 | 257 | 30 | 150 | 14110 | 0 | -64.7 | | | | | 150 | 14110 | 0 | -64.9 | | | 0 | 97 | 267 | 36 | |
| 200 | 12319 | 0 | -55.4 | | 0 | 93 | 257 | 32 | 200 | 12319 | 0 | -55.4 | | | | | 200 | 12317 | 0 | -54.8 | | | 0 | 95 | 269 | 36 | |
| 300 | 9617 | 0 | -35.2 | 25.3 | 0 | 89 | 260 | 1 | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | LEVEL | | TEMPERATURE | | | | VECTOR WIND | | | | | | | |
|---|----------|--------------|--------|----------------------|--------------|-------------|-----------|-------|----------|--------|--------------|-------------|----------------------|--------------|------------|-------------|-------|----------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------------|-----|----|--|--|--|--|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | | | | | | | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | | | | | | | |
| SW PACIFIC - FRENCH POLY. (AUSTRAL IS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAPA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91958 | JUL 2006 | 2737S | 14420W | OB 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23874 | 8 | -55.3 | | | | 8 | 89 | 268 | 8 | 030 | 23764 | 2 | -56.5 | 31.9 | 3 | 94 | 265 | 19 | 030 | 23682 | 6 | -58.4 | 29.4 | | | | | | | | | |
| 050 | 20671 | 8 | -61.7 | | | | 9 | 89 | 259 | 9 | 050 | 20548 | 1 | -59.4 | 31.5 | 1 | 94 | 262 | 16 | 050 | 20481 | 4 | -59.3 | 28.5 | 8 | 97 | 263 | 22 | | | | | |
| 100 | 16453 | 9 | -68.5 | | | | 9 | 96 | 266 | 27 | 100 | 16201 | 0 | -57.2 | 31.8 | 0 | 95 | 264 | 25 | 100 | 16110 | 3 | -56.3 | 28.8 | 5 | 97 | 261 | 24 | | | | | |
| 150 | 13992 | 5 | -62.3 | | | | 7 | 99 | 268 | 41 | 150 | 13614 | 0 | -53.4 | 32.5 | 0 | 95 | 261 | 29 | 150 | 13519 | 3 | -54.5 | 26.0 | 5 | 95 | 258 | 22 | | | | | |
| 200 | 12195 | 5 | -55.7 | | | | 4 | 96 | 268 | 47 | 200 | 11754 | 0 | -52.6 | 30.2 | 0 | 93 | 262 | 27 | 200 | 11670 | 2 | -56.0 | 12.7 | 5 | 80 | 259 | 15 | | | | | |
| 300 | 9504 | 2 | -36.5 | 15.4 | | | 2 | 94 | 274 | 42 | 300 | 9140 | 0 | -49.0 | 16.6 | 0 | 71 | 264 | 14 | 300 | 9093 | 1 | -50.6 | 12.7 | 5 | 42 | 264 | 7 | | | | | |
| 500 | 5764 | 1 | -11.1 | 14.5 | | | 1 | 95 | 279 | 27 | 500 | 5597 | 0 | -23.0 | 17.3 | 0 | 49 | 261 | 7 | 500 | 5568 | 1 | -23.6 | 16.5 | 6 | 58 | 253 | 8 | | | | | |
| 700 | 3103 | 0 | 3.8 | 16.8 | | | 0 | 90 | 280 | 14 | 700 | 3040 | 0 | -5.0 | 20.5 | 0 | 46 | 251 | 5 | 700 | 3017 | 1 | -5.7 | 16.4 | 8 | 42 | 248 | 5 | | | | | |
| 850 | 1506 | 0 | 9.8 | 7.1 | | | 0 | 67 | 303 | 7 | 850 | 1491 | 0 | 2.5 | 6.2 | 0 | 38 | 249 | 4 | 850 | 1472 | 1 | 1.4 | 7.6 | 8 | 19 | 236 | 2 | | | | | |
| 1016 | * 2 | | 19.9 | 4.3 | | | | | | | 1015 | * 30 | | 11.9 | 3.5 | | | | | 1017 | * 12 | | 11.1 | 4.1 | | | | | | | | | |
| SW PACIFIC - NEW ZEALAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WHENUAPAI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93112 | JUL 2006 | 3647S | 17430E | OB 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23764 | 2 | -56.5 | 31.9 | | | 3 | 94 | 265 | 19 | 030 | 23682 | 6 | -58.4 | 29.4 | | | | | | | | | | | | | | | | | | |
| 050 | 20548 | 1 | -59.4 | 31.5 | | | 1 | 94 | 262 | 16 | 050 | 20481 | 4 | -59.3 | 28.5 | 8 | 97 | 263 | 22 | | | | | | | | | | | | | | |
| 100 | 16201 | 0 | -57.2 | 31.8 | | | 0 | 95 | 264 | 25 | 100 | 16110 | 3 | -56.3 | 28.8 | 5 | 97 | 261 | 24 | | | | | | | | | | | | | | |
| 150 | 13614 | 0 | -53.4 | 32.5 | | | 0 | 95 | 261 | 29 | 150 | 13519 | 3 | -54.5 | 26.0 | 5 | 95 | 258 | 22 | | | | | | | | | | | | | | |
| 200 | 11754 | 0 | -52.6 | 30.2 | | | 0 | 93 | 262 | 27 | 200 | 11670 | 2 | -56.0 | 12.7 | 5 | 80 | 259 | 15 | | | | | | | | | | | | | | |
| 300 | 9140 | 0 | -49.0 | 16.6 | | | 0 | 71 | 264 | 14 | 300 | 9093 | 1 | -50.6 | 12.7 | 5 | 42 | 264 | 7 | | | | | | | | | | | | | | |
| 500 | 5597 | 0 | -23.0 | 17.3 | | | 0 | 49 | 261 | 7 | 500 | 5568 | 1 | -23.6 | 16.5 | 6 | 58 | 253 | 8 | | | | | | | | | | | | | | |
| 700 | 3040 | 0 | -5.0 | 20.5 | | | 0 | 46 | 251 | 5 | 700 | 3017 | 1 | -5.7 | 16.4 | 8 | 42 | 248 | 5 | | | | | | | | | | | | | | |
| 850 | 1491 | 0 | 2.5 | 6.2 | | | 0 | 38 | 249 | 4 | 850 | 1472 | 1 | 1.4 | 7.6 | 8 | 19 | 236 | 2 | | | | | | | | | | | | | | |
| 1016 | * 30 | | 11.9 | 3.5 | | | | | | | 1015 | * 48 | | 10.3 | 2.6 | | | | | 1017 | * 49 | | 16.9 | 5.4 | | | | | | | | | |
| SW PACIFIC - NEW ZEALAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PARAPARAUMU AERODROME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93417 | JUL 2006 | 4054S | 17450E | OB 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23682 | 6 | -58.4 | 29.4 | | | | | | | 030 | 23519 | 3 | -59.4 | 28.5 | 8 | 97 | 263 | 22 | | | | | | | | | | | | | | |
| 050 | 20481 | 4 | -59.3 | 28.5 | | | | | | | 050 | 20404 | 1 | -63.0 | | 2 | 97 | 265 | 27 | | | | | | | | | | | | | | |
| 100 | 16110 | 3 | -56.3 | 28.8 | | | | | | | 100 | 16029 | 0 | -49.6 | 30.6 | 2 | 95 | 265 | 52 | | | | | | | | | | | | | | |
| 150 | 13519 | 3 | -54.5 | 26.0 | | | | | | | 150 | 13430 | 1 | -56.6 | 30.8 | 2 | 97 | 265 | 42 | | | | | | | | | | | | | | |
| 200 | 11670 | 2 | -56.0 | 12.7 | | | | | | | 200 | 11589 | 0 | -59.6 | 26.5 | 0 | 95 | 262 | 16 | 200 | 11490 | 0 | -49.6 | 30.6 | 2 | 95 | 265 | 52 | | | | | |
| 300 | 9093 | 1 | -50.6 | 12.7 | | | | | | | 300 | 9042 | 0 | -52.1 | 11.7 | 0 | 70 | 265 | 14 | 300 | 9030 | 0 | -38.8 | 28.5 | 1 | 92 | 268 | 44 | | | | | |
| 500 | 5568 | 0 | -38.8 | 28.5 | | | | | | | 500 | 5530 | 0 | -24.4 | 14.7 | 0 | 66 | 257 | 10 | 500 | 5463 | 0 | -18.2 | 25.8 | 1 | 83 | 263 | 16 | | | | | |
| 700 | 3017 | 1 | -2.1 | 22.4 | | | | | | | 700 | 2991 | 0 | -7.4 | 12.7 | 0 | 56 | 265 | 8 | 700 | 3009 | 0 | -2.1 | 22.4 | 1 | 68 | 245 | 7 | | | | | |
| 850 | 1472 | 1 | 1.4 | 7.6 | | | | | | | 850 | 1455 | 0 | -1.1 | 3.2 | 0 | 42 | 278 | 5 | 850 | 1503 | 0 | 5.1 | 6.2 | 2 | 37 | 226 | 4 | | | | | |
| 1016 | * 12 | | 11.1 | 4.1 | | | | | | | 1017 | * 49 | | 16.9 | 5.4 | | | | | 1012 | * 49 | | 16.9 | 5.4 | | | | | | | | | |
| SW PACIFIC - NEW ZEALAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAOUL ISLAND, KERMADEC IS. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93997 | JUL 2006 | 2915S | 17750W | OB 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23682 | 6 | -60.6 | | | | | | | | 030 | 23519 | 3 | -63.0 | | 2 | 97 | 265 | 27 | | | | | | | | | | | | | | |
| 050 | 20481 | 4 | -63.0 | | | | | | | | 050 | 20404 | 1 | -56.6 | 30.8 | 2 | 97 | 265 | 42 | | | | | | | | | | | | | | |
| 100 | 16110 | 3 | -56.6 | | | | | | | | 100 | 16029 | 0 | -49.6 | 30.6 | 2 | 95 | 265 | 52 | | | | | | | | | | | | | | |
| 150 | 13519 | 3 | -54.5 | | | | | | | | 150 | 13430 | 1 | -56.6 | 30.8 | 2 | 97 | 265 | 42 | | | | | | | | | | | | | | |
| 200 | 11670 | 2 | -56.0 | | | | | | | | 200 | 11589 | 0 | -59.6 | 26.5 | 0 | 95 | 262 | 16 | 200 | 11490 | 0 | -52.6 | 18.4 | 0 | 59 | 305 | 5 | | | | | |
| 300 | 9093 | 0 | -30.7 | | | | | | | | 300 | 9042 | 0 | -30.7 | 23.8 | 0 | 58 | 265 | 14 | 300 | 9030 | 0 | -30.7 | 21.4 | 0 | 72 | 318 | 6 | | | | | |
| 500 | 5563 | 0 | -18.2 | | | | | | | | 500 | 5530 | 0 | -24.4 | 14.7 | 0 | 66 | 257 | 10 | 500 | 5463 | 0 | -5.3 | 21.6 | 0 | 50 | 309 | 3 | | | | | |
| 700 | 3069 | 0 | -2.1 | | | | | | | | 700 | 2991 | 0 | -7.4 | 12.7 | 0 | 56 | 265 | 8 | 700 | 3009 | 0 | 10.2 | 20.3 | 0 | 42 | 320 | 3 | | | | | |
| 850 | 1503 | 0 | 5.1 | | | | | | | | 850 | 1455 | 0 | -1.1 | 3.2 | 0 | 42 | 278 | 5 | 850 | 1532 | 0 | 14.5 | 4.9 | 0 | 85 | 104 | 6 | | | | | |
| 1016 | * 49 | | 16.9 | 5.4 | | | | | | | 1017 | * 49 | | 16.9 | 5.4 | | | | | 1012 | * 49 | | 16.9 | 5.4 | | | | | | | | | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BROOME AIRPORT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94203 JUL 2006 1757S 12210E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23891 | 2 | -53.7 | 32.1 | 2 | 39 | 40 | 2 | 030 | 23888 | 5 | -53.3 | 32.8 | 6 | 38 | 83 | 2 | 030 | 23883 | 2 | -53.9 | 32.4 | 2 | 49 | 135 | 2 | |
| 050 | 20681 | 2 | -64.3 | 29.0 | 2 | 51 | 141 | 3 | 050 | 20680 | 5 | -63.6 | 27.6 | 4 | 80 | 273 | 11 | 050 | 20682 | 2 | -64.4 | 28.9 | 2 | 51 | 121 | 3 | |
| 100 | 16596 | 2 | -77.2 | 15.3 | 2 | 60 | 247 | 6 | 100 | 16584 | 4 | -76.6 | 12.8 | 4 | 96 | 265 | 23 | 100 | 16577 | 2 | -75.0 | 14.9 | 2 | 83 | 257 | 13 | |
| 150 | 14222 | 2 | -65.4 | 18.3 | 2 | 86 | 268 | 15 | 150 | 14206 | 4 | -65.8 | 15.5 | 4 | 98 | 275 | 27 | 150 | 14183 | 2 | -64.9 | 18.2 | 2 | 95 | 267 | 27 | |
| 200 | 12417 | 2 | -51.7 | 24.5 | 2 | 81 | 270 | 17 | 200 | 12407 | 4 | -52.5 | 21.0 | 2 | 96 | 276 | 27 | 200 | 12372 | 2 | -51.1 | 25.0 | 2 | 94 | 267 | 30 | |
| 300 | 9665 | 2 | -30.8 | 32.9 | 2 | 84 | 267 | 18 | 300 | 9662 | 2 | -30.5 | 27.9 | 2 | 91 | 276 | 16 | 300 | 9615 | 1 | -30.7 | 32.1 | 1 | 91 | 264 | 31 | |
| 500 | 5844 | 2 | -5.7 | 37.2 | 3 | 80 | 264 | 11 | 500 | 5850 | 2 | -6.0 | 31.9 | 2 | 91 | 276 | 6 | 500 | 5815 | 1 | -8.6 | 33.7 | 1 | 88 | 255 | 17 | |
| 700 | 3148 | 2 | 7.2 | 24.3 | 4 | 76 | 255 | 5 | 700 | 3150 | 2 | 6.1 | 28.0 | 1 | 62 | 276 | 6 | 700 | 3140 | 1 | 4.7 | 28.7 | 1 | 50 | 263 | 5 | |
| 850 | 1533 | 2 | 13.5 | 17.6 | 3 | 38 | 48 | 2 | 850 | 1544 | 2 | 10.6 | 6.9 | 2 | 72 | 98 | 5 | 850 | 1541 | 1 | 10.6 | 18.1 | 1 | 31 | 74 | 2 | |
| 1017 | * 17 | | 14.8 | 6.5 | | | | | 1020 | * 9 | | 21.3 | 8.3 | | | | | 1020 | * 6 | | 10.4 | 6.2 | | | | | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOWNSVILLE AERO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94294 JUL 2006 1915S 14640E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23888 | 5 | -53.3 | 32.8 | 6 | 38 | 83 | 2 | 030 | 23883 | 2 | -53.9 | 32.4 | 2 | 49 | 135 | 2 | 030 | 23889 | 7 | -53.1 | 32.8 | 7 | 53 | 77 | 3 | |
| 050 | 20680 | 5 | -63.6 | 27.6 | 4 | 80 | 273 | 11 | 050 | 20682 | 2 | -64.4 | 28.9 | 2 | 51 | 121 | 3 | 050 | 20678 | 7 | -63.5 | 29.8 | 7 | 38 | 119 | 2 | |
| 100 | 16584 | 4 | -76.6 | 12.8 | 4 | 96 | 265 | 23 | 100 | 16577 | 2 | -75.0 | 14.9 | 2 | 83 | 257 | 13 | 100 | 16578 | 6 | -75.7 | 15.2 | 6 | 86 | 266 | 13 | |
| 150 | 14206 | 4 | -65.8 | 15.5 | 4 | 98 | 275 | 27 | 150 | 14191 | 4 | -65.8 | 16.7 | 4 | 96 | 268 | 28 | 150 | 14191 | 4 | -65.8 | 16.7 | 4 | 95 | 272 | 30 | |
| 200 | 12407 | 4 | -52.5 | 21.0 | 4 | 98 | 276 | 27 | 200 | 12388 | 4 | -52.0 | 23.9 | 4 | 95 | 272 | 30 | 200 | 12388 | 4 | -52.0 | 23.9 | 4 | 95 | 277 | 30 | |
| 300 | 9662 | 2 | -30.5 | 27.9 | 2 | 96 | 276 | 27 | 300 | 9641 | 2 | -30.6 | 31.1 | 2 | 95 | 277 | 30 | 300 | 9641 | 2 | -30.6 | 31.1 | 2 | 95 | 277 | 30 | |
| 500 | 5850 | 2 | -6.0 | 31.9 | 2 | 91 | 276 | 16 | 500 | 5828 | 2 | -7.1 | 30.7 | 2 | 92 | 271 | 21 | 500 | 5828 | 2 | -7.1 | 30.7 | 2 | 66 | 267 | 6 | |
| 700 | 3150 | 2 | 6.1 | 28.0 | 1 | 62 | 276 | 6 | 700 | 3143 | 2 | 5.0 | 33.4 | 2 | 66 | 267 | 6 | 700 | 3143 | 2 | 5.0 | 33.4 | 2 | 32 | 51 | 2 | |
| 850 | 1544 | 2 | 10.6 | 6.9 | 2 | 72 | 98 | 5 | 850 | 1541 | 1 | 10.9 | 15.2 | 2 | 32 | 51 | 2 | 850 | 1541 | 2 | 10.9 | 15.2 | 2 | 20 | 44 | 2 | |
| 1018 | * 10 | | 12.2 | 8.6 | | | | | 959 | * 547 | | 10.3 | 8.0 | | | | | 981 | * 342 | | 16.5 | 12.8 | | | | | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALICE SPRINGS AIRPORT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94326 JUL 2006 2348S 13350E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23892 | 7 | -53.4 | 31.4 | 8 | 51 | 86 | 3 | 030 | 23891 | 7 | -53.4 | 31.4 | 8 | 51 | 86 | 3 | 030 | 23889 | 7 | -53.1 | 32.8 | 7 | 53 | 77 | 3 | |
| 050 | 20681 | 7 | -63.5 | 27.4 | 8 | 29 | 116 | 2 | 050 | 20681 | 7 | -63.5 | 29.8 | 7 | 38 | 119 | 2 | 050 | 20678 | 7 | -63.5 | 29.8 | 7 | 38 | 119 | 2 | |
| 100 | 16545 | 5 | -72.0 | 18.6 | 6 | 90 | 266 | 17 | 100 | 16545 | 5 | -72.0 | 18.6 | 6 | 90 | 266 | 17 | 100 | 16578 | 6 | -75.7 | 15.2 | 6 | 86 | 266 | 13 | |
| 150 | 14124 | 4 | -63.9 | 19.4 | 5 | 98 | 267 | 34 | 150 | 14124 | 4 | -63.9 | 19.4 | 5 | 98 | 267 | 34 | 150 | 14191 | 4 | -65.8 | 16.7 | 4 | 96 | 268 | 28 | |
| 200 | 12309 | 3 | -51.4 | 24.6 | 4 | 96 | 270 | 39 | 200 | 12309 | 3 | -51.4 | 24.6 | 4 | 96 | 270 | 39 | 200 | 12388 | 4 | -52.0 | 23.9 | 4 | 95 | 272 | 30 | |
| 300 | 9557 | 0 | -31.4 | 31.6 | 1 | 94 | 272 | 37 | 300 | 9557 | 0 | -31.4 | 31.6 | 1 | 94 | 272 | 37 | 300 | 9641 | 2 | -30.6 | 31.1 | 2 | 95 | 277 | 30 | |
| 500 | 5778 | 0 | -10.1 | 35.1 | 1 | 88 | 270 | 21 | 500 | 5778 | 0 | -10.1 | 35.1 | 1 | 88 | 270 | 21 | 500 | 5828 | 2 | -7.1 | 30.7 | 2 | 92 | 271 | 21 | |
| 700 | 3132 | 0 | 2.1 | 27.4 | 0 | 48 | 261 | 4 | 700 | 3132 | 0 | 2.1 | 27.4 | 0 | 48 | 261 | 4 | 700 | 3143 | 2 | 5.0 | 33.4 | 2 | 66 | 267 | 6 | |
| 850 | 1547 | 0 | 7.7 | 14.0 | 0 | 41 | 113 | 3 | 850 | 1547 | 0 | 7.7 | 14.0 | 0 | 41 | 113 | 3 | 850 | 1541 | 2 | 10.9 | 15.2 | 2 | 32 | 51 | 2 | |
| 1018 | * 10 | | 12.2 | 8.6 | | | | | 959 | * 547 | | 10.3 | 8.0 | | | | | 981 | * 342 | | 16.5 | 12.8 | | | | | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOUNT ISA AERO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94332 JUL 2006 2041S 13920E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23889 | 7 | -53.1 | 32.8 | 7 | 38 | 116 | 3 | 030 | 23889 | 7 | -53.1 | 32.8 | 7 | 38 | 116 | 3 | 030 | 23872 | 1 | -54.8 | 32.1 | 1 | 26 | 241 | 2 | |
| 050 | 20678 | 7 | -63.5 | 29.8 | 7 | 38 | 119 | 2 | 050 | 20675 | 0 | -63.4 | 28.6 | 0 | 20 | 220 | 1 | 050 | 20675 | 0 | -63.4 | 28.6 | 0 | 20 | 220 | 1 | |
| 100 | 16512 | 0 | -70.3 | 20.7 | 0 | 94 | 267 | 22 | 100 | 16512 | 0 | -70.3 | 20.7 | 0 | 94 | 267 | 22 | 100 | 16512 | 0 | -70.3 | 20. | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | | | | | |
|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|---|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|---|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps |
| SW PACIFIC - AUSTRALIA GILES METEOROLOGICAL OFFICE 94461 JUL 2006 2502S 12810E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA CHARLEVILLE AERO 94510 JUL 2006 2625S 14610E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA BRISBANE AERO 94578 JUL 2006 2723S 15300E OB / | | | | | | | | |
| 030 | 23887 | 0 | -54.1 | 32.4 | 6 | 42 | 116 | 3 | 030 | 23888 | 1 | -53.5 | 32.7 | 1 | 17 | 162 | 1 | 030 | 23864 | 4 | -54.9 | 32.3 | 4 | 18 | 307 | 1 |
| 050 | 20687 | 0 | -63.7 | 29.2 | 6 | 25 | 119 | 2 | 050 | 20675 | 1 | -63.2 | 29.9 | 1 | 19 | 296 | 2 | 050 | 20656 | 2 | -63.2 | 30.0 | 2 | 34 | 276 | 3 |
| 100 | 16539 | 0 | -70.8 | 22.2 | 6 | 91 | 258 | 18 | 100 | 16502 | 0 | -69.3 | 22.9 | 0 | 95 | 267 | 23 | 100 | 16475 | 1 | -68.3 | 27.7 | 1 | 96 | 270 | 24 |
| 150 | 14102 | 0 | -62.8 | 22.7 | 1 | 97 | 269 | 36 | 150 | 14048 | 0 | -61.7 | 24.5 | 0 | 97 | 267 | 42 | 150 | 14009 | 1 | -60.5 | 29.4 | 1 | 97 | 267 | 42 |
| 200 | 12280 | 0 | -50.6 | 26.4 | 1 | 96 | 268 | 40 | 200 | 12221 | 0 | -50.4 | 28.1 | 0 | 98 | 272 | 48 | 200 | 12178 | 1 | -50.5 | 31.7 | 1 | 97 | 273 | 49 |
| 300 | 9525 | 0 | -31.7 | 31.8 | 0 | 94 | 268 | 40 | 300 | 9473 | 0 | -33.9 | 31.2 | 0 | 96 | 274 | 44 | 300 | 9445 | 1 | -35.5 | 30.7 | 1 | 96 | 275 | 44 |
| 500 | 5766 | 0 | -11.8 | 34.8 | 0 | 82 | 270 | 18 | 500 | 5749 | 0 | -14.0 | 31.2 | 0 | 84 | 271 | 18 | 500 | 5741 | 0 | -15.0 | 29.2 | 0 | 85 | 277 | 16 |
| 700 | 3130 | 0 | 1.6 | 26.0 | 0 | 55 | 258 | 4 | 700 | 3125 | 0 | .5 | 27.8 | 0 | 41 | 249 | 4 | 700 | 3123 | 0 | -.2 | 27.9 | 0 | 55 | 283 | 5 |
| 850 | 1545 | 0 | 8.4 | 16.1 | 0 | 21 | 59 | 2 | 850 | 1549 | 0 | 7.1 | 10.8 | 0 | 32 | 301 | 2 | 850 | 1549 | 0 | 7.0 | 9.2 | 1 | 19 | 240 | 2 |
| 953 | * 599 | | 10.2 | 9.0 | | | | | 987 | * 306 | | 13.3 | 6.7 | | | | | 1022 | * 10 | | 17.0 | 7.6 | | | | |
| SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 JUL 2006 3156S 11550E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA KALGOORLIE-BOULDER AIRPORT 94637 JUL 2006 3047S 12120E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA ESPERANCE 94638 JUL 2006 3350S 12150E OB / | | | | | | | | |
| 030 | 23824 | 0 | -56.7 | 31.2 | 1 | 87 | 275 | 10 | 030 | 23849 | 2 | -55.8 | 31.7 | 2 | 78 | 265 | 7 | 030 | 23815 | 6 | -56.8 | 31.0 | | | | |
| 050 | 20635 | 0 | -62.5 | 28.8 | 1 | 83 | 273 | 10 | 050 | 20652 | 0 | -62.4 | 29.6 | 0 | 75 | 263 | 7 | 050 | 20623 | 1 | -61.9 | 28.9 | | | | |
| 100 | 16393 | 0 | -63.7 | 27.4 | 0 | 98 | 267 | 29 | 100 | 16419 | 0 | -65.3 | 26.8 | 0 | 99 | 265 | 28 | 100 | 16346 | 0 | -61.8 | 27.7 | | | | |
| 150 | 13877 | 0 | -57.4 | 29.0 | 0 | 97 | 265 | 41 | 150 | 13915 | 0 | -57.9 | 28.4 | 0 | 98 | 264 | 41 | 150 | 13806 | 0 | -55.8 | 29.4 | 6 | 98 | 266 | 36 |
| 200 | 12028 | 0 | -49.6 | 30.5 | 0 | 95 | 264 | 46 | 200 | 12066 | 0 | -49.0 | 31.0 | 0 | 97 | 265 | 46 | 200 | 11951 | 0 | -50.1 | 29.6 | 1 | 72 | 258 | 34 |
| 300 | 9318 | 0 | -40.4 | 26.2 | 0 | 86 | 260 | 33 | 300 | 9342 | 0 | -38.7 | 29.9 | 0 | 90 | 260 | 34 | 300 | 9269 | 0 | -43.3 | 23.2 | 0 | 80 | 260 | 23 |
| 500 | 5690 | 0 | -18.4 | 24.8 | 0 | 67 | 261 | 13 | 500 | 5700 | 0 | -18.3 | 27.8 | 0 | 73 | 262 | 12 | 500 | 5670 | 0 | -19.9 | 25.5 | 0 | 65 | 257 | 10 |
| 700 | 3098 | 0 | -2.4 | 23.5 | 0 | 60 | 270 | 7 | 700 | 3104 | 0 | -1.2 | 28.6 | 0 | 51 | 257 | 5 | 700 | 3088 | 0 | -3.1 | 21.2 | 0 | 55 | 265 | 6 |
| 850 | 1537 | 0 | 4.7 | 9.7 | 0 | 44 | 286 | 4 | 850 | 1541 | 0 | 3.7 | 6.1 | 0 | 27 | 261 | 2 | 850 | 1532 | 0 | 3.0 | 6.1 | 2 | 44 | 265 | 4 |
| 1022 | * 20 | | 8.4 | 2.8 | | | | | 981 | * 370 | | 6.1 | 3.3 | | | | | 1020 | * 27 | | 8.8 | 2.6 | | | | |
| SW PACIFIC - AUSTRALIA EUCLA 94647 JUL 2006 3141S 12850E OB | | | | | | | | | SW PACIFIC - AUSTRALIA WOOMERA AERODROME 94659 JUL 2006 3109S 13640E OB / | | | | | | | | | SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT 94672 JUL 2006 3457S 13830E OB / | | | | | | | | |
| 030 | 23849 | 5 | -55.9 | 31.9 | 5 | 76 | 263 | 7 | 030 | 23863 | 3 | -55.0 | 31.6 | 3 | 75 | 260 | 7 | 030 | 23846 | 2 | -55.7 | 31.6 | 3 | 91 | 262 | 14 |
| 050 | 20653 | 3 | -62.0 | 30.0 | 3 | 80 | 271 | 8 | 050 | 20656 | 3 | -62.0 | 28.6 | 3 | 72 | 271 | 7 | 050 | 20632 | 0 | -61.1 | 30.1 | 1 | 90 | 269 | 14 |
| 100 | 16404 | 0 | -63.8 | 27.8 | 0 | 92 | 267 | 26 | 100 | 16410 | 3 | -63.7 | 26.7 | 3 | 94 | 265 | 27 | 100 | 16323 | 0 | -59.9 | 30.2 | 1 | 94 | 268 | 25 |
| 150 | 13880 | 0 | -56.1 | 30.2 | 0 | 96 | 266 | 40 | 150 | 13893 | 3 | -56.6 | 29.4 | 3 | 95 | 269 | 39 | 150 | 13762 | 0 | -54.1 | 31.3 | 1 | 96 | 264 | 36 |
| 200 | 12024 | 0 | -49.1 | 31.5 | 0 | 95 | 268 | 43 | 200 | 12036 | 3 | -48.8 | 30.8 | 3 | 93 | 267 | 47 | 200 | 11899 | 0 | -50.9 | 29.7 | 1 | 93 | 267 | 37 |
| 300 | 9315 | 0 | -40.8 | 26.5 | 0 | 84 | 267 | 29 | 300 | 9323 | 3 | -39.7 | 26.9 | 3 | 85 | 268 | 30 | 300 | 9243 | 0 | -45.2 | 22.0 | 1 | 80 | 261 | 21 |
| 500 | 5692 | 0 | -18.8 | 24.2 | 0 | 71 | 268 | 11 | 500 | 5695 | 2 | -19.3 | 21.0 | 2 | 61 | 269 | 9 | 500 | 5660 | 0 | -20.4 | 18.7 | 1 | 62 | 257 | 10 |
| 700 | 3101 | 0 | -2.4 | 22.9 | 0 | 43 | 273 | 5 | 700 | 3105 | 2 | -1.9 | 21.8 | 2 | 50 | 271 | 5 | 700 | 3083 | 0 | -3.6 | 22.1 | 1 | 50 | 266 | 6 |
| 850 | 1542 | 0 | 3.5 | 5.9 | 0 | 36 | 224 | 3 | 850 | 1540 | 2 | 4.7 | 10.6 | 2 | 25 | 274 | 2 | 850 | 1528 | 0 | 2.9 | 9.8 | 2 | 35 | 264 | 4 |
| 1012 | * 102 | | 9.6 | 3.5 | | | | | 1004 | * 168 | | 9.2 | 4.9 | | | | | 1024 | * 8 | | 10.6 | 4.8 | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------------------------------|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COBAR MO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94711 JUL 2006 3129S 14550E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23863 | 1 | -55.1 | 32.1 | 1 | 78 | 255 | 7 | 030 | 23843 | 4 | -54.6 | 32.4 | 4 | 81 | 265 | 9 | 030 | 23787 | 4 | -57.4 | 30.9 | | | | | |
| 050 | 20651 | 0 | -61.9 | 29.9 | 0 | 65 | 264 | 7 | 050 | 20632 | 1 | -61.1 | 30.6 | 1 | 80 | 270 | 9 | 050 | 20599 | 4 | -61.8 | 29.4 | | | | | |
| 100 | 16397 | 0 | -63.4 | 28.7 | 0 | 96 | 268 | 25 | 100 | 16355 | 0 | -62.1 | 29.7 | 0 | 96 | 267 | 26 | 100 | 16310 | 0 | -60.9 | 29.5 | 5 | 95 | 265 | 28 | |
| 150 | 13872 | 0 | -56.6 | 30.3 | 0 | 98 | 269 | 40 | 150 | 13818 | 0 | -55.7 | 31.7 | 0 | 97 | 268 | 40 | 150 | 13763 | 0 | -55.5 | 30.9 | 1 | 95 | 265 | 37 | |
| 200 | 12017 | 0 | -49.3 | 29.6 | 0 | 96 | 269 | 46 | 200 | 11963 | 0 | -50.2 | 31.4 | 0 | 97 | 269 | 45 | 200 | 11908 | 0 | -50.8 | 30.4 | 0 | 95 | 264 | 41 | |
| 300 | 9308 | 0 | -40.1 | 25.6 | 0 | 92 | 268 | 34 | 300 | 9275 | 0 | -42.7 | 24.2 | 0 | 86 | 271 | 29 | 300 | 9244 | 0 | -44.8 | 25.4 | 0 | 80 | 262 | 23 | |
| 500 | 5685 | 0 | -19.4 | 22.3 | 0 | 73 | 263 | 12 | 500 | 5674 | 0 | -20.3 | 22.3 | 0 | 63 | 281 | 10 | 500 | 5655 | 0 | -19.9 | 27.0 | 0 | 67 | 268 | 11 | |
| 700 | 3102 | 0 | -2.5 | 22.5 | 0 | 56 | 268 | 6 | 700 | 3096 | 0 | -3.0 | 21.7 | 0 | 54 | 274 | 6 | 700 | 3076 | 0 | -3.4 | 24.5 | 0 | 67 | 271 | 8 | |
| 850 | 1540 | 0 | 4.7 | 12.3 | 0 | 37 | 270 | 3 | 850 | 1535 | 0 | 4.6 | 11.4 | 0 | 38 | 266 | 4 | 850 | 1521 | 0 | 3.6 | 10.9 | 1 | 56 | 264 | 6 | |
| 992 | * 264 | | 10.0 | 4.3 | | | | | 1022 | * 10 | | 12.2 | 4.6 | | | | | 1014 | * 71 | | 7.7 | 2.0 | | | | | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WILLIAMTOWN RAAF | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94776 JUL 2006 3248S 15150E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23843 | 4 | -54.6 | 32.4 | 4 | 81 | 265 | 9 | 030 | 23787 | 4 | -57.4 | 30.9 | | | | | 030 | 23787 | 4 | -57.4 | 30.9 | | | | | |
| 050 | 20632 | 1 | -61.1 | 30.6 | 1 | 80 | 270 | 9 | 050 | 20599 | 4 | -61.8 | 29.4 | | | | | 050 | 20599 | 4 | -61.8 | 29.4 | | | | | |
| 100 | 16355 | 0 | -62.1 | 29.7 | 0 | 96 | 267 | 26 | 100 | 16310 | 0 | -60.9 | 29.5 | | | | | 100 | 16310 | 0 | -60.9 | 29.5 | 5 | 95 | 265 | 28 | |
| 150 | 13818 | 0 | -55.7 | 31.7 | 0 | 97 | 268 | 40 | 150 | 13763 | 0 | -55.5 | 30.9 | | | | | 150 | 13763 | 0 | -55.5 | 30.9 | 1 | 95 | 265 | 37 | |
| 200 | 11963 | 0 | -50.2 | 31.4 | 0 | 97 | 269 | 45 | 200 | 11908 | 0 | -50.8 | 30.4 | | | | | 200 | 11908 | 0 | -50.8 | 30.4 | 0 | 95 | 264 | 41 | |
| 300 | 9275 | 0 | -42.7 | 24.2 | 0 | 86 | 271 | 29 | 300 | 9244 | 0 | -44.8 | 25.4 | | | | | 300 | 9244 | 0 | -44.8 | 25.4 | 0 | 80 | 262 | 23 | |
| 500 | 5674 | 0 | -20.3 | 22.3 | 0 | 63 | 281 | 10 | 500 | 5655 | 0 | -19.9 | 27.0 | | | | | 500 | 5655 | 0 | -19.9 | 27.0 | 0 | 67 | 268 | 11 | |
| 700 | 3096 | 0 | -3.0 | 21.7 | 0 | 54 | 274 | 6 | 700 | 3076 | 0 | -3.4 | 24.5 | | | | | 700 | 3076 | 0 | -3.4 | 24.5 | 0 | 67 | 271 | 8 | |
| 850 | 1535 | 0 | 4.6 | 11.4 | 0 | 38 | 266 | 4 | 850 | 1521 | 0 | 3.6 | 10.9 | | | | | 850 | 1521 | 0 | 3.6 | 10.9 | 1 | 56 | 264 | 6 | |
| 992 | * 264 | | 10.0 | 4.3 | | | | | 1022 | * 10 | | 12.2 | 4.6 | | | | | 1014 | * 71 | | 7.7 | 2.0 | | | | | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALBANY AIRPORT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94802 JUL 2006 3456S 11740E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23787 | 4 | -57.4 | 30.9 | | | | | 030 | 23787 | 4 | -57.4 | 30.9 | | | | | 030 | 23787 | 4 | -57.4 | 30.9 | | | | | |
| 050 | 20599 | 4 | -61.8 | 29.4 | | | | | 050 | 20599 | 4 | -61.8 | 29.4 | | | | | 050 | 20599 | 4 | -61.8 | 29.4 | | | | | |
| 100 | 16310 | 0 | -60.9 | 29.5 | | | | | 100 | 16310 | 0 | -60.9 | 29.5 | | | | | 100 | 16310 | 0 | -60.9 | 29.5 | 5 | 95 | 265 | 28 | |
| 150 | 13763 | 0 | -55.5 | 30.9 | | | | | 150 | 13763 | 0 | -55.5 | 30.9 | | | | | 150 | 13763 | 0 | -55.5 | 30.9 | 1 | 95 | 265 | 37 | |
| 200 | 11908 | 0 | -50.8 | 30.4 | | | | | 200 | 11908 | 0 | -50.8 | 30.4 | | | | | 200 | 11908 | 0 | -50.8 | 30.4 | 0 | 95 | 264 | 41 | |
| 300 | 9244 | 0 | -44.8 | 25.4 | | | | | 300 | 9244 | 0 | -44.8 | 25.4 | | | | | 300 | 9244 | 0 | -44.8 | 25.4 | 0 | 80 | 262 | 23 | |
| 500 | 5655 | 0 | -19.9 | 27.0 | | | | | 500 | 5655 | 0 | -19.9 | 27.0 | | | | | 500 | 5655 | 0 | -19.9 | 27.0 | 0 | 67 | 268 | 11 | |
| 700 | 3076 | 0 | -3.4 | 24.5 | | | | | 700 | 3076 | 0 | -3.4 | 24.5 | | | | | 700 | 3076 | 0 | -3.4 | 24.5 | 0 | 67 | 271 | 8 | |
| 850 | 1521 | 0 | 3.6 | 10.9 | | | | | 850 | 1521 | 0 | 3.6 | 10.9 | | | | | 850 | 1521 | 0 | 3.6 | 10.9 | 1 | 56 | 264 | 6 | |
| 992 | * 71 | | 7.7 | 2.0 | | | | | 1014 | * 71 | | 7.7 | 2.0 | | | | | 1014 | * 71 | | 7.7 | 2.0 | | | | | |
| SW PACIFIC - AUSTRALIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MELBOURNE AIRPORT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94866 JUL 2006 3740S 14450E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23788 | 8 | -56.7 | 31.8 | 8 | 95 | 272 | 21 | 030 | 23788 | 8 | -56.7 | 31.8 | 8 | 95 | 272 | 21 | 030 | 23788 | 8 | -56.7 | 30.8 | 4 | 95 | 264 | 15 | |
| 050 | 20570 | 3 | -60.0 | 30.7 | 3 | 92 | 268 | 19 | 050 | 20570 | 3 | -60.0 | 30.7 | 3 | 92 | 268 | 19 | 050 | 20570 | 3 | -60.0 | 28.5 | 1 | 89 | 269 | 13 | |
| 100 | 16233 | 1 | -58.3 | 31.4 | 1 | 96 | 268 | 26 | 100 | 16233 | 1 | -58.3 | 31.4 | 1 | 96 | 268 | 26 | 100 | 16233 | 1 | -58.3 | 28.6 | 0 | 97 | 266 | 26 | |
| 150 | 13658 | 0 | -53.7 | 32.5 | 0 | 95 | 266 | 31 | 150 | 13658 | 0 | -53.7 | 32.5 | 0 | 95 | 266 | 31 | 150 | 13658 | 0 | -53.7 | 30.1 | 0 | 96 | 266 | 35 | |
| 200 | 11801 | 0 | -52.5 | 28.6 | 0 | 90 | 264 | 29 | 200 | 11801 | 0 | -52.5 | | | | | | | | | | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MACQUARIE ISLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94998 JUL 2006 5430S 15850E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 22894 | 0 | -69.5 | 24.7 | 0 | 99 | 270 | 57 | 030 | 23874 | 3 | -54.0 | 32.1 | 3 | 64 | 256 | 5 | 030 | 23962 | 1 | -54.1 | 32.5 | 1 | 91 | 269 | 12 | |
| 050 | 19830 | 0 | -67.1 | 25.2 | 0 | 99 | 269 | 48 | 050 | 20660 | 0 | -61.8 | 27.7 | 0 | 60 | 265 | 5 | 050 | 20734 | 1 | -61.5 | 27.1 | 1 | 88 | 274 | 11 | |
| 100 | 15597 | 0 | -62.2 | 27.3 | 0 | 98 | 269 | 36 | 100 | 16439 | 0 | -65.4 | 24.9 | 0 | 95 | 268 | 25 | 100 | 16608 | 0 | -78.6 | 8.3 | 0 | 83 | 77 | 13 | |
| 150 | 13079 | 0 | -60.5 | 25.3 | 0 | 94 | 268 | 31 | 150 | 13943 | 0 | -58.8 | 26.4 | 0 | 98 | 268 | 43 | 150 | 14247 | 0 | -66.8 | 8.7 | 0 | 98 | 75 | 25 | |
| 200 | 11294 | 0 | -62.3 | 18.2 | 0 | 87 | 269 | 28 | 200 | 12099 | 0 | -49.5 | 28.9 | 0 | 97 | 272 | 49 | 200 | 12454 | 0 | -53.0 | 8.2 | 0 | 96 | 66 | 21 | |
| 300 | 8754 | 0 | -53.2 | 14.5 | 0 | 80 | 268 | 28 | 300 | 9374 | 0 | -37.8 | 27.1 | 0 | 97 | 273 | 40 | 300 | 9709 | 0 | -30.5 | 9.0 | 0 | 83 | 83 | 10 | |
| 500 | 5293 | 0 | -29.8 | 12.8 | 0 | 80 | 267 | 22 | 500 | 5712 | 0 | -17.4 | 25.2 | 0 | 79 | 276 | 14 | 500 | 5878 | 0 | -5.6 | 6.2 | 0 | 22 | 69 | 1 | |
| 700 | 2811 | 0 | -13.0 | 11.3 | 0 | 82 | 270 | 18 | 700 | 3115 | 0 | -1.9 | 21.5 | 0 | 59 | 271 | 6 | 700 | 3158 | 0 | 10.4 | 7.1 | 0 | 70 | 252 | 4 | |
| 850 | 1307 | 0 | -4.8 | 2.9 | 0 | 77 | 271 | 16 | 850 | 1550 | 0 | 5.7 | 10.2 | 0 | 44 | 296 | 3 | 850 | 1512 | 0 | 19.4 | 4.5 | 0 | 57 | 225 | 3 | |
| 1001 | * 8 | | 3.1 | 2.1 | | | | | 998 | * 218 | | 11.1 | 5.1 | | | | | 1007 | * 27 | | 25.8 | 2.2 | | | | | |
| SW PACIFIC - MALAYSIA (SABAH AND SARAWAK) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KUCHING | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96413 JUL 2006 0129N 11020E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23959 | 18 | -54.9 | 32.4 | 9 | 71 | 276 | 7 | 030 | 23928 | 4 | -54.8 | 31.8 | 5 | 6 | 261 | 1 | 030 | 23939 | 20 | -53.0 | 31.7 | 9 | 71 | 286 | 6 | |
| 050 | 20735 | 17 | -61.7 | 25.4 | 9 | 66 | 291 | 6 | 050 | 20709 | 2 | -62.0 | 29.7 | 2 | 58 | 81 | 5 | 050 | 20707 | 19 | -61.0 | 29.3 | 9 | 19 | 263 | 1 | |
| 100 | 16621 | 8 | -78.4 | 7.4 | 8 | 86 | 82 | 14 | 100 | 16595 | 2 | -78.7 | 13.8 | 2 | 90 | 85 | 15 | 100 | 16590 | 19 | -77.7 | 13.6 | 9 | 88 | 84 | 11 | |
| 150 | 14260 | 5 | -66.6 | 7.5 | 5 | 98 | 71 | 28 | 150 | 14242 | 2 | -67.2 | 12.2 | 2 | 98 | 68 | 26 | 150 | 14233 | 19 | -66.9 | 13.1 | 9 | 96 | 62 | 22 | |
| 200 | 12462 | 3 | -52.9 | 6.5 | 3 | 96 | 66 | 21 | 200 | 12449 | 2 | -52.7 | 10.9 | 3 | 95 | 67 | 20 | 200 | 12438 | 19 | -52.5 | 12.1 | 9 | 93 | 64 | 19 | |
| 300 | 9715 | 1 | -30.3 | 6.7 | 1 | 86 | 81 | 11 | 300 | 9700 | 2 | -30.5 | 8.5 | 3 | 86 | 87 | 9 | 300 | 9686 | 19 | -30.0 | 12.1 | 9 | 91 | 81 | 10 | |
| 500 | 5882 | 0 | -5.3 | 4.4 | 0 | 26 | 122 | 2 | 500 | 5871 | 2 | -5.4 | 7.1 | 4 | 37 | 139 | 2 | 500 | 5853 | 19 | -5.7 | 4.7 | 9 | 62 | 85 | 3 | |
| 700 | 3158 | 0 | 10.2 | 5.8 | 0 | 78 | 250 | 5 | 700 | 3153 | 2 | 9.9 | 9.2 | 3 | 90 | 256 | 6 | 700 | 3137 | 19 | 9.7 | 7.2 | 9 | 86 | 243 | 5 | |
| 850 | 1511 | 0 | 19.7 | 4.2 | 0 | 80 | 240 | 4 | 850 | 1513 | 2 | 18.8 | 7.5 | 2 | 93 | 242 | 7 | 850 | 1495 | 19 | 19.1 | 7.0 | 9 | 85 | 228 | 5 | |
| 1001 | * 5 | | 26.5 | 2.3 | | | | | 1010 | * 3 | | 26.5 | 3.6 | | | | | 1007 | * 20 | | 26.0 | 4.5 | | | | | |
| SW PACIFIC - ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COCOS ISLAND AERO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96996 JUL 2006 1211S 09650E OB 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23898 | 7 | -53.3 | 32.8 | 7 | 58 | 252 | 4 | 030 | 23922 | 9 | -54.1 | | 9 | 92 | 278 | 10 | | | | | | | | | | |
| 050 | 20678 | 7 | -62.3 | 30.1 | 7 | 26 | 243 | 2 | 050 | 20715 | 9 | -62.4 | | 9 | 56 | 283 | 5 | | | | | | | | | | |
| 100 | 16596 | 7 | -79.5 | 8.7 | 7 | 81 | 99 | 10 | 100 | 16602 | 9 | -80.3 | | 9 | 84 | 87 | 12 | | | | | | | | | | |
| 150 | 14239 | 3 | -67.2 | 9.9 | 3 | 69 | 51 | 8 | 200 | 12447 | 9 | -52.5 | | 9 | 98 | 73 | 22 | | | | | | | | | | |
| 200 | 12447 | 3 | -53.0 | 16.0 | 3 | 45 | 45 | 4 | 300 | 9702 | 9 | -31.3 | 6.3 | 9 | 94 | 95 | 12 | | | | | | | | | | |
| 300 | 9701 | 3 | -30.4 | 26.1 | 3 | 39 | 46 | 3 | 500 | 5884 | 9 | -6.5 | 4.7 | 9 | 55 | 105 | 3 | | | | | | | | | | |
| 500 | 5869 | 3 | -4.1 | 31.7 | 3 | 24 | 84 | 2 | 700 | 3169 | 9 | 7.6 | 6.4 | 9 | 47 | 249 | 2 | | | | | | | | | | |
| 700 | 3148 | 3 | 9.2 | 12.9 | 3 | 85 | 99 | 6 | 850 | 1530 | 9 | 17.9 | 3.4 | 9 | 81 | 210 | 3 | | | | | | | | | | |
| 850 | 1517 | 3 | 15.4 | 3.1 | 3 | | | | 1002 | * 80 | | 25.6 | 4.0 | | | | | | | | | | | | | | |
| 1013 | * 4 | | 25.2 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | |
| SW PACIFIC - INDONESIA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MENADO/ SAM RATULANGI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97014 JUL 2006 0132N 12450E OB / | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 030 | 23874 | 3 | -54.0 | 32.1 | 3 | | | | 030 | 23922 | 9 | -54.1 | | 9 | 92 | 278 | 10 | | | | | | | | | | |
| 050 | 20660 | 0 | -61.8 | 27.7 | 0 | | | | 050 | 20715 | 9 | -62.4 | | 9 | 56 | 283 | 5 | | | | | | | | | | |
| 100 | 16439 | 0 | -65.4 | 24.9 | 0 | | | | 100 | 16602 | 9 | -80.3 | | 9 | 84 | 87 | 12 | | | | | | | | | | |
| 150 | 13943 | 0 | -58.8 | 26.4 | 0 | | | | 200 | 12447 | 9 | -52.5 | | 9 | 98 | 73 | 22 | | | | | | | | | | |
| 200 | 12099 | 0 | -49.5 | 28.9 | 0 | | | | 300 | 9702 | 9 | -31.3 | 6.3 | 9 | 94 | 95 | 12 | | | | | | | | | | |
| 300 | 9374 | 0 | -37.8 | 27.1 | 0 | | | | 500 | 5884 | 9 | -6.5 | 4.7 | 9 | 55 | 105 | 3 | | | | </ | | | | | | |

UPPER AIR

JULY 2006

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | |
|----------|--------|--------------|------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|------|----------------------|--------------|------------|-------------|-------|-------------|--------|--------------|-------|----------------------|--------------|------------|-------------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UPPER AIR LATE REPORTS

| LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | LEVEL | | TEMPERATURE | | VECTOR WIND | | | | | | | | | |
|--|--------|--------------|-------|----------------------|--------------|------------|-----------|-------|-------------|--------|--------------|-------|--|--------------|------------|-------------|-------|-------------|--------|--------------|------|----------------------|--------------|------------|-----------|-------|--|
| PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | PRESSURE | HEIGHT | MISSING DAYS | MEAN | DEW POINT DEPRESSION | MISSING DAYS | STEADINESS | DIRECTION | SPEED | |
| hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | hPa | gpm | | °C | °C | | % | o | mps | |
| EUROPE - HUNGARY BUDAPEST/PESTSZENTLORINC 12843 JUN 2006 4726N 01911E OB 3 | | | | | | | | | | | | | EUROPE - HUNGARY SZEGED 12982 JUN 2006 4615N 02006E OB | | | | | | | | | | | | | | |
| 030 | 24255 | 21 | -50.2 | | 9 | 95 | 94 | 8 | 030 | 24203 | 11 | -51.8 | | 9 | 96 | 96 | 8 | | | | | | | | | | |
| 050 | 20945 | 19 | -53.9 | | 9 | 91 | 112 | 6 | 050 | 20911 | 9 | -55.2 | | 9 | 92 | 108 | 6 | | | | | | | | | | |
| 100 | 16506 | 14 | -54.1 | | 9 | 42 | 219 | 3 | 100 | 16495 | 6 | -54.1 | | 7 | 38 | 242 | 3 | | | | | | | | | | |
| 150 | 13878 | 11 | -51.6 | | 9 | 36 | 255 | 4 | 150 | 13882 | 3 | -51.6 | | 4 | 54 | 253 | 5 | | | | | | | | | | |
| 200 | 12020 | 2 | -53.1 | | 3 | 29 | 286 | 4 | 200 | 12025 | 2 | -53.3 | | 2 | 41 | 273 | 6 | | | | | | | | | | |
| 300 | 9371 | 1 | -43.6 | 10.5 | 3 | 20 | 304 | 3 | 300 | 9382 | 1 | -43.7 | 9.9 | 2 | 35 | 262 | 6 | | | | | | | | | | |
| 500 | 5736 | 1 | -16.6 | 12.4 | 3 | 41 | 301 | 4 | 500 | 5743 | 1 | -16.3 | 11.6 | 1 | 43 | 290 | 4 | | | | | | | | | | |
| 700 | 3122 | 1 | .0 | 7.7 | 3 | 52 | 318 | 4 | 700 | 3125 | 1 | .7 | 6.6 | 1 | 46 | 302 | 3 | | | | | | | | | | |
| 850 | 1536 | 1 | 10.3 | 5.1 | 3 | 36 | 350 | 2 | 850 | 1534 | 1 | 11.0 | 6.0 | 1 | 37 | 1 | 2 | | | | | | | | | | |
| 1002 | * 139 | | 20.2 | 7.2 | | | | | 1008 | * 83 | | 19.0 | 1.5 | | | | | | | | | | | | | | |
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| 10501 | C | AACHEN | GERMANY | 07139 | C | ALENCON | FRANCE |
| 06030 | C | AALBORG | DENMARK AND FAROE I | 60369 | C | ALGER-PORT | ALGERIA |
| 04220 | CT | AASIAAT (EGEDESMINDE) | GREENLAND | 16674 | C | ALIARTOS | GREECE |
| 40831 | C | ABADAN | IRAN, ISLAMIC REP | 42475 | C | ALLAHABAD/BAMHRAULI | INDIA |
| 07005 | C | ABBEVILLE | FRANCE | 08487 | C | ALMERIA/AEROPUERTO | SPAIN |
| 03502 | C | ABERPORTH | U KINGDOM | 44277 | CT | ALTAI | MONGOLIA |
| 41112 | C | ABHA | SAUDI ARABIA | 26346 | C | ALUKSNE | LATVIA |
| 65578 | CT | ABIDJAN | COTE D'IVOIRE | 64754 | C | AM-TIMAN | CHAD |
| 41216 | C | ABU DHABI BATEEN AIRPORT | U ARAB EMIRATES | 67067 | C | AMBOHITSILAOZANA | MADAGASCAR |
| 78650 | C | ACAJUTLA | EL SALVADOR | 23022 | CT | AMDERMA | RUSSIAN FEDERATION |
| 17351 | C | ADANA/BOLGE | TURKEY | 42071 | C | AMRITSAR | INDIA |
| 63450 | CT | ADDIS ABABA-BOLE | ETHIOPIA | 25563 | CT | ANADYR' | RUSSIAN FEDERATION |
| 94672 | CT | ADELAIDE AIRPORT | AUSTRALIA | 16665 | C | ANCHIALOS (AIRPORT) | GREECE |
| 65585 | C | ADIAKE | COTE D'IVOIRE | 16682 | C | ANDRAVIDA (AIRPORT) | GREECE |
| 60620 | C | ADRAR | ALGERIA | 91568 | C | ANEITYUM | VANUATU |
| 76644 | CT | AEROP.INTERNACIONAL MERIDA, | MEXICO | 10291 | C | ANGERMUENDE | GERMANY |
| 17190 | C | AFYON | TURKEY | 70232 | C | ANIAK | USA |
| 60250 | C | AGADIR | MOROCCO | 17130 | CT | ANKARA/CENTRAL | TURKEY |
| 37893 | C | AGDAM | AZERBAIJAN | 60360 | C | ANNABA | ALGERIA |
| 62055 | C | AGEDABIA | LIBYAN ARAB JAMAHIR | 17300 | C | ANTALYA | TURKEY |
| 16672 | C | AGRINION (AIRPORT) | GREECE | 40718 | C | ANZALI | IRAN, ISLAMIC REP |
| 42647 | CT | AHMADABAD | INDIA | 47575 | C | AOMORI | JAPAN |
| 37663 | C | AHTY | RUSSIAN FEDERATION | 72220 | CT | APALACHICOLA/MUN., | USA |
| 40811 | T | AHWAZ | IRAN, ISLAMIC REP | 91762 | C | APIA | SAMOA AND AMERICAN |
| 33998 | C | AI-PETRI | UKRAINE | 85151 | C | APOLO | BOLIVIA |
| 47602 | C | AIKAWA | JAPAN | 16687 | C | ARAXOS (AIRPORT) | GREECE |
| 83595 | C | AIMORES | BRAZIL | 71592 | C | ARCTIC BAY CS, NU | CANADA |
| 60415 | C | AIN-BESSAM | ALGERIA | 84752 | C | AREQUIPA | PERU |
| 61499 | C | AIOUN EL ATROUSS | MAURITANIA | 22550 | CT | ARHANGEL'SK | RUSSIAN FEDERATION |
| 07761 | CT | AJACCIO | FRANCE | 85406 | C | ARICA | CHILE |
| 38178 | C | AK-BAJTAL | UZBEKISTAN | 10091 | C | ARKONA | GERMANY |
| 47582 | CT | AKITA | JAPAN | 62772 | C | AROMA | SUDAN |
| 61437 | C | AKJOUJT | MAURITANIA | 76840 | C | ARRIAGA, CHIS. | MEXICO |
| 38232 | C | AKKUDUK | KAZAKHSTAN | 10460 | C | ARTERN | GERMANY |
| 38665 | C | AKMOLLA | TURKMENISTAN | 44288 | CT | ARVAIHEER | MONGOLIA |
| 42933 | C | AKOLA | INDIA | 60452 | C | ARZEW | ALGERIA |
| 72521 | C | AKRON/AKRON-CANTON REG. OH. | USA | 47407 | C | ASAHIKAWA | JAPAN |
| 35229 | CT | AKTOBE | KAZAKHSTAN | 85175 | C | ASCENCION DE GUARAYOS | BOLIVIA |
| 04063 | C | AKUREYRI | ICELAND | 38880 | CT | ASHGABAT | TURKMENISTAN |
| 41218 | C | AL AIN INTERNATIONAL AIRPORT | U ARAB EMIRATES | 33915 | C | ASKANIIA-NOVA | UKRAINE |
| 40420 | C | AL-AHSA | SAUDI ARABIA | 63021 | CT | ASMARA | ERITREA |
| 98435 | C | ALABAT | PHILIPPINES | 62414 | CT | ASSWAN | EGYPT |
| 08280 | C | ALBACETE/LOS LLANOS | SPAIN | 35188 | C | ASTANA | KAZAKHSTAN |
| 31004 | CT | ALDAN | RUSSIAN FEDERATION | 86218 | C | ASUNCION/AEROPUERTO | PARAGUAY |

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| 61421 | C | ATAR | MAURITANIA | 29939 | C | BIJSK ZONAL'NAYA | RUSSIAN FEDERATION |
| 62680 | C | ATBARA | SUDAN | 42165 | C | BIKANER | INDIA |
| 16701 | C | ATHINAI (FILADEFIA) | GREECE | 08025 | C | BILBAO/SONDICA | SPAIN |
| 64751 | C | ATI | CHAD | 72515 | C | BINGHAMTON/BROOME CO., NY. | USA |
| 72219 | C | ATLANTA/MUN., GA. | USA | 61075 | C | BIRNI-N'KONNI | NIGER |
| 91925 | CT | ATUONA | FRENCH POLY. | 28138 | C | BISER | RUSSIAN FEDERATION |
| 35700 | CT | ATYRAU | KAZAKHSTAN | 13583 | C | BITOLA | MACEDONIA |
| 93119 | C | AUCKLAND AIRPORT | N ZEALAND | 14652 | C | BJELASNICA | BOSNIA AND HERZEGOV |
| 10852 | C | AUGSBURG | GERMANY | 01028 | CT | BJORNOYA | NORWAY |
| 38334 | C | AUL TURARA RYSKULOVA | KAZAKHSTAN | 28766 | C | BLAGOVESHCHENKA | KAZAKHSTAN |
| 72254 | C | AUSTIN/CTY, TX. | USA | 68442 | CT | BLOEMFONTEIN AIRPORT | SOUTH AFRICA |
| 07265 | C | AUXERRE | FRANCE | 74492 | C | BLUE HILL OBS. MA. | USA |
| 31168 | CT | AYAN | RUSSIAN FEDERATION | 61881 | C | BO | SIERRA LEONE |
| 87641 | C | AZUL AERO | ARGENTINA | 82024 | C | BOA VISTA | BRAZIL |
| 87163 | C | B.DE IRIGOYEN AERO | ARGENTINA | 65510 | C | BOBO-DIOULASSO | BURKINA FASO |
| 82460 | C | BACABAL | BRAZIL | 01152 | CT | BODO | NORWAY |
| 10325 | C | BAD SALZUFLEN | GERMANY | 64126 | C | BOENDE | DEMO. REP THE CONG |
| 47102 | T | BAENGNYEONGDO | REP KOREA | 29282 | C | BOGUCANY | RUSSIAN FEDERATION |
| 30554 | CT | BAGDARIN | RUSSIAN FEDERATION | 65338 | C | BOHICON | BENIN |
| 41678 | CT | BAHAWALNAGAR | PAKISTAN | 10249 | C | BOIZENBURG | GERMANY |
| 44265 | C | BAITAG | MONGOLIA | 61816 | C | BOKE | GUINEA |
| 23891 | C | BAJKIT | RUSSIAN FEDERATION | 31174 | C | BOL'SHOJ SHANTAR | RUSSIAN FEDERATION |
| 29328 | C | BAKCHAR | RUSSIAN FEDERATION | 83288 | CT | BOM JESUS DA LAPA | BRAZIL |
| 07299 | C | BALE-MULHOUSE | FRANCE | 10519 | C | BONN-ROLEBER | GERMANY |
| 61291 | CT | BAMAKO/SENOU | MALI | 07510 | CT | BORDEAUX MERIGNAC | FRANCE |
| 43295 | C | BANGALORE | INDIA | 64605 | C | BOSSEMBELE | CENTRAL AFRICAN REP |
| 29612 | C | BARABINSK | RUSSIAN FEDERATION | 60515 | C | BOU-SAADA | ALGERIA |
| 07790 | C | BASTIA | FRANCE | 08575 | C | BRAGANCA | PORTUGAL |
| 37484 | C | BATUMI | GEORGIA | 10129 | C | BREMERHAVEN | GERMANY |
| 91557 | CT | BAUERFIELD (EFATE) | VANUATU | 16061 | C | BRIC DELLA CROCE | ITALY |
| 44275 | C | BAYANBULAG | MONGOLIA | 11723 | C | BRNO/TURANY | CZECH REP |
| 60571 | CT | BECHAR | ALGERIA | 10453 | C | BROCKEN | GERMANY |
| 54511 | CT | BEIJING | CHINA | 96315 | CT | BRUNEI AIRPORT | BRUNEI DARUSSALAM |
| 60401 | C | BEJAIA-PORT | ALGERIA | 15420 | C | BUCURESTI BANEASA | ROMANIA |
| 82191 | C | BELEM | BRAZIL | 12843 | CT | BUDAPEST/PESTSZENTLORINC | HUNGARY |
| 40180 | C | BEN-GURION INT. AIRPORT | ISRAEL | 80252 | C | BUENAVENTURA | COLOMBIA |
| 13274 | C | BEOGRAD | SERBIA AND MONTENEG | 72528 | C | BUFFALO/GREATER BUFFALO INT. | USA |
| 01317 | C | BERGEN/FLORIDA | NORWAY | 25594 | C | BUHTA PROVIDENJA | RUSSIAN FEDERATION |
| 67037 | C | BESALAMPY | MADAGASCAR | 64390 | C | BUJUMBURA | BURUNDI |
| 40179 | CT | BET DAGAN | ISRAEL | 64180 | C | BUKAVU | DEMO. REP THE CONG |
| 40100 | CT | BEYROUTH (AEROPORT) | LEBANON | 44239 | C | BULGAN | MONGOLIA |
| 42971 | CT | BHUBANESHWAR | INDIA | 64076 | C | BUNIA | DEMO. REP THE CONG |
| 12295 | C | BIALYSTOK | POLAND | 15655 | C | BURGAS | BULGARIA |
| 71844 | C | BIG TROUT LAKE READAC, ONT | CANADA | 47159 | C | BUSAN | REP KOREA |

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| 64034 | C | BUTA | DEMO. REP THE CONG | 85470 | C | COPIAPO | CHILE |
| 15350 | C | BUZAU | ROMANIA | 03955 | C | CORK AIRPORT | IRELAND |
| 38755 | C | BYGDALI | TURKMENISTAN | 10496 | C | COTTBUS | GERMANY |
| 48914 | C | CA MAU | VIET NAM | 41992 | C | COX'S BAZAR | BANGLADESH |
| 95916 | C | CABRAMURRA SMHEA | AUSTRALIA | 85864 | C | COYHAIQUE | CHILE |
| 08261 | C | CACERES | SPAIN | 16480 | C | COZZO SPADARO | ITALY |
| 07027 | C | CAEN | FRANCE | 15450 | C | CRAIOVA | ROMANIA |
| 16560 | T | CAGLIARI ELMAS | ITALY | 78962 | C | CROWN POINT AIRPORT, | TRINIDAD AND TOBAGO |
| 94287 | C | CAIRNS AERO | AUSTRALIA | 82704 | C | CRUZEIRO DO SUL | BRAZIL |
| 80442 | C | CALABOZO | VENEZUELA | 80097 | C | CUCUTA/CAMILO DAZA | COLOMBIA |
| 71918 | C | CAM FOUR, NU | CANADA | 08231 | C | CUENCA | SPAIN |
| 17112 | C | CANAKKALE | TURKEY | 83361 | C | CUIABA | BRAZIL |
| 48808 | C | CAO BANG | VIET NAM | 28704 | C | CULPANOVO | RUSSIAN FEDERATION |
| 07661 | C | CAP CEPEL | FRANCE | 80420 | C | CUMANA | VENEZUELA |
| 15292 | C | CARANSEBES | ROMANIA | 94626 | C | CUNDERDIN | AUSTRALIA |
| 08286 | C | CASTELLON | SPAIN | 83842 | C | CURITIBA | BRAZIL |
| 16459 | C | CATANIA SIGONELLA | ITALY | 10131 | C | CUXHAVEN | GERMANY |
| 94653 | C | CEDUNA AMO | AUSTRALIA | 84686 | C | CUZCO | PERU |
| 89056 | C | CENTRO MET. ANTARTICO PDTE. | CHILE | 43150 | CT | CWC VISHAKHAPATNAM/WALTAIR | INDIA |
| 87257 | C | CERES AERO | ARGENTINA | 48855 | CT | DA NANG | VIET NAM |
| 30372 | CT | CHARA | RUSSIAN FEDERATION | 47133 | C | DAEJEON | REP KOREA |
| 10577 | C | CHEMNITZ | GERMANY | 98325 | C | DAGUPAN | PHILIPPINES |
| 41768 | CT | CHHOR | PAKISTAN | 62467 | C | DAHAB | EGYPT |
| 16706 | C | CHIOS (AIRPORT) | GREECE | 61641 | CT | DAKAR/YOFF | SENEGAL |
| 60425 | C | CHLEF | ALGERIA | 31873 | C | DAL'NERECHENSK | RUSSIAN FEDERATION |
| 44259 | CT | CHOIBALSAN | MONGOLIA | 40080 | CT | DAMASCUS INT. AIRPORT | SYRIAN ARAB REP |
| 93780 | C | CHRISTCHURCH | N ZEALAND | 04320 | CT | DANMARKSHAVN | GREENLAND |
| 47014 | C | CHUNGGANG | DPR KOREA | 65351 | C | DAPAON | TOGO |
| 96805 | C | CILACAP | INDONESIA | 42391 | C | DARBHANGA | INDIA |
| 72421 | C | CINCINNATI/GREATER CINCINNATI | USA | 44256 | C | DASHBALBAR | MONGOLIA |
| 96791 | C | CIREBON/JATIWANGI | INDONESIA | 26544 | C | DAUGAVPILS | LATVIA |
| 76402 | C | CIUDAD CONSTITUCION, BCS | MEXICO | 38527 | CT | DAVALY | TURKMENISTAN |
| 72360 | C | CLAYTON/MUN., NM. | USA | 71966 | C | DAWSON, YT | CANADA |
| 07460 | C | CLERMONT-FERRAND | FRANCE | 72429 | C | DAYTON/. COX, OH. | USA |
| 15120 | CT | CLUJ-NAPOCA | ROMANIA | 06260 | CT | DE BILT | NETHERLANDS |
| 71090 | C | CLYDE A, NU | CANADA | 12882 | C | DEBRECEN | HUNGARY |
| 76741 | C | COATZACOALCOS, VER. | MEXICO | 16546 | C | DECIMOMANNU | ITALY |
| 85041 | C | COBIJA | BOLIVIA | 65505 | C | DEDOUGOU | BURKINA FASO |
| 64504 | C | COCOBEACH | GABON | 40045 | C | DEIR EZZOR | SYRIAN ARAB REP |
| 94791 | C | COFFS HARBOUR MO | AUSTRALIA | 60387 | C | DELLYS | ALGERIA |
| 08548 | C | COIMBRA/CERNACHE | PORTUGAL | 38829 | C | DENAU | UZBEKISTAN |
| 70316 | CT | COLD BAY, AK | USA | 37470 | C | DERBENT | RUSSIAN FEDERATION |
| 76848 | C | COMITAN, CHIS. | MEXICO | 72546 | C | DES MOINES/MUN., IA. | USA |
| 61832 | C | CONAKRY/GBESSIA | GUINEA | 72537 | C | DETROIT/METROPOLITAN, MI. | USA |

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| 40416 | C | DHAHRAN | SAUDI ARABIA | 82610 | C | EIRUNEPE | BRAZIL |
| 42404 | C | DHUBRI | INDIA | 28440 | C | EKATERINBURG | RUSSIAN FEDERATION |
| 83309 | C | DIAMANTINO | BRAZIL | 38388 | C | EKEZHE | TURKMENISTAN |
| 42314 | C | DIBRUGARH /MOHANBARI | INDIA | 31329 | C | EKIMCHAN | RUSSIAN FEDERATION |
| 10321 | C | DIEPHOLZ | GERMANY | 62337 | CT | EL ARISH | EGYPT |
| 61085 | C | DIFFA | NIGER | 60367 | C | EL-KALA | ALGERIA |
| 07280 | C | DIJON | FRANCE | 27648 | C | ELAT'MA | RUSSIAN FEDERATION |
| 65562 | C | DIMBOKRO | COTE D'IVOIRE | 12160 | C | ELBLAG | POLAND |
| 89054 | C | DINAMET-URUGUAY | URUGUAY | 63686 | C | ELDORET | KENYA |
| 61666 | C | DIOURBEL | SENEGAL | 16718 | C | ELEFSIS (AIRPORT) | GREECE |
| 98741 | C | DIPLOG | PHILIPPINES | 62453 | C | ELHASANA | EGYPT |
| 41508 | C | DIR | PAKISTAN | 72486 | C | ELY/YELLAND, NV. | USA |
| 40672 | C | DIWANIYA | IRAQ | 07591 | C | EMBRUN | FRANCE |
| 17280 | CT | DIYARBAKIR | TURKEY | 10200 | CT | EMDEN-FLUGPLATZ | GERMANY |
| 38684 | C | DJACHEV | TURKMENISTAN | 29572 | T | EMEL'JANOVO | RUSSIAN FEDERATION |
| 60535 | C | DJELFA | ALGERIA | 76256 | C | EMPALME, SON. | MEXICO |
| 63125 | C | DJIBOUTI | DJIBOUTI | 62781 | C | EN NAHUD | SUDAN |
| 34504 | C | DNIPROPETROVS'K | UKRAINE | 25356 | C | EN' MUVEEM | RUSSIAN FEDERATION |
| 16033 | C | DOBBIACO | ITALY | 83964 | C | ENCRUZILHADA DO SUL | BRAZIL |
| 63862 | C | DODOMA | U REP TANZANIA | 29263 | C | ENISEJSK | RUSSIAN FEDERATION |
| 41170 | CT | DOHA INTERNATIONAL AIRPORT | QATAR | 16450 | C | ENNA | ITALY |
| 64401 | C | DOLISIE | CONGO | 63705 | CT | ENTEBBE AIRPORT | UGANDA |
| 34519 | C | DONETS'K | UKRAINE | 65257 | C | ENUGU | NIGERIA |
| 65501 | C | DORI | BURKINA FASO | 72550 | C | EPPLEY FIELD, OMAHA, | USA |
| 52836 | CT | DOULAN | CHINA | 24817 | C | ERBOGACEN | RUSSIAN FEDERATION |
| 10488 | C | DRESDEN-KLOTZSCHE | GERMANY | 44237 | C | ERDENEMANDAL | MONGOLIA |
| 41515 | CT | DROSH | PAKISTAN | 53068 | C | ERENHOT | CHINA |
| 41194 | C | DUBAI INTERNATIONAL AIRPORT | U ARAB EMIRATES | 10554 | C | ERFURT-BINDERSLEBEN | GERMANY |
| 23074 | C | DUDINKA | RUSSIAN FEDERATION | 34186 | C | ERSHOV | RUSSIAN FEDERATION |
| 10400 | C | DUESSELDORF | GERMANY | 17092 | C | ERZINCAN | TURKEY |
| 72745 | C | DULUTH/INT., MN. | USA | 38750 | C | ESENGYLY | TURKMENISTAN |
| 42599 | C | DUMKA | INDIA | 40800 | C | ESFAHAN | IRAN, ISLAMIC REP |
| 68588 | CT | DURBAN INTNL. AIRPORT | SOUTH AFRICA | 35067 | C | ESIL' | KAZAKHSTAN |
| 38836 | C | DUSHANBE | TAJIKISTAN | 03162 | C | ESKDALEMUIR | U KINGDOM |
| 42731 | C | DWARKA | INDIA | 94638 | CT | ESPERANCE | AUSTRALIA |
| 03091 | C | DYCE | U KINGDOM | 87803 | C | ESQUEL AERO | ARGENTINA |
| 21908 | C | DZALINDA | RUSSIAN FEDERATION | 60220 | C | ESSAOUIRA | MOROCCO |
| 30089 | C | DZHIKIMDA | RUSSIAN FEDERATION | 71862 | C | ESTEVAN A, SASK | CANADA |
| 68858 | C | EAST LONDON | SOUTH AFRICA | 94647 | CT | EUCLA | AUSTRALIA |
| 94983 | C | EDDYSTONE POINT | AUSTRALIA | 71917 | T | EUREKA UA, NU | CANADA |
| 17050 | C | EDIRNE | TURKEY | 72432 | C | EVANSVILLE/REG., IN. | USA |
| 06280 | C | EELDE/GRONINGEN AP EELDE | NETHERLANDS | 37747 | C | EVLAKH AIRPORT | AZERBAIJAN |
| 25378 | C | EGVEKINOT | RUSSIAN FEDERATION | 08558 | C | EVORA/C. COORD | PORTUGAL |
| 40199 | C | EILAT | ISRAEL | 87576 | CT | EZEIZA AERO | ARGENTINA |

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| 65507 | C | FADA N'GOURMA | BURKINA FASO | 40296 | C | GHOR SAFI | JORDAN |
| 70261 | C | FAIRBANKS/INT., AK | USA | 08495 | CT | GIBRALTAR | GIBRALTAR |
| 61833 | C | FARANAH/BADALA | GUINEA | 10532 | C | GIESSEN | GERMANY |
| 67012 | C | FASCENE (NOSSI-BE) | MADAGASCAR | 34740 | C | GIGANT | RUSSIAN FEDERATION |
| 64753 | C | FAYA | CHAD | 94461 | CT | GILES METEOROLOGICAL OFFICE | AUSTRALIA |
| 10908 | C | FELDBERG/SCHWARZWALD | GERMANY | 17034 | C | GIRESUN | TURKEY |
| 41943 | C | FENI | BANGLADESH | 64381 | C | GISENYI | RWANDA |
| 38618 | C | FERGANA | UZBEKISTAN | 41140 | C | GIZAN | SAUDI ARABIA |
| 11155 | C | FEUERKOGEL | AUSTRIA | 71363 | C | GJOA HAVEN CLIMATE, NU | CANADA |
| 67137 | C | FIANARANTSOA | MADAGASCAR | 72768 | C | GLASGOW/INT., MT. | USA |
| 10578 | C | FICHTELBERG | GERMANY | 83264 | C | GLEBA CELESTE | BRAZIL |
| 72637 | C | FLINT/BISHOP, MI. | USA | 20292 | C | GMO IM.E.K. FEDOROVA | RUSSIAN FEDERATION |
| 08501 | C | FLORES (ACORES) | PORTUGAL | 43192 | CT | GOA/PANJIM | INDIA |
| 01238 | C | FOKSTUA II | NORWAY | 87880 | C | GOBERNADOR GREGORES AERO | ARGENTINA |
| 82212 | C | FONTE BOA | BRAZIL | 10444 | C | GOETTINGEN | GERMANY |
| 99090 | CT | FORMER MIKE | FIXED SHIP STATIONS | 83423 | C | GOIANIA | BRAZIL |
| 89065 | C | FOSSIL BLUFF | U KINGDOM | 33041 | CT | GOMEL | BELARUS |
| 83827 | CT | FOZ DO IGUACU (AEROPORTO) | BRAZIL | 63331 | C | GONDAR | ETHIOPIA |
| 10637 | C | FRANKFURT/M-FLUGHAFEN | GERMANY | 71816 | CT | GOOSE A, NFLD | CANADA |
| 10803 | C | FREIBURG | GERMANY | 71733 | CT | GORE BAY A, ONT | CANADA |
| 16179 | C | FRONTONE | ITALY | 47185 | T | GOSAN | REP KOREA |
| 83574 | C | FRUTAL | BRAZIL | 02512 | C | GOTEBORG/SAVE | SWEDEN |
| 10895 | C | FUERSTENZELL | GERMANY | 68906 | CT | GOUGH ISLAND | SOUTH AFRICA |
| 47807 | CT | FUKUOKA | JAPAN | 94150 | CT | GOVE AIRPORT | AUSTRALIA |
| 91643 | CT | FUNAFUTI | TUVALU | 37749 | C | GOYCHAY | AZERBAIJAN |
| 60765 | C | GABES | TUNISIA | 08419 | C | GRANADA/AEROPUERTO | SPAIN |
| 60745 | C | GAFSA | TUNISIA | 07486 | C | GRENOBLE-ST-GEOIRS | FRANCE |
| 65557 | C | GAGNOA | COTE D'IVOIRE | 10791 | C | GROSSER ARBER | GERMANY |
| 15310 | C | GALATI | ROMANIA | 88903 | C | GRYTVIKEN, | ISLANDS |
| 64454 | C | GAMBOMA | CONGO | 76577 | C | GUANAJUATO, GTO. | MEXICO |
| 37735 | C | GANDJA | AZERBAIJAN | 37675 | C | GUBA | AZERBAIJAN |
| 61226 | C | GAO | MALI | 60403 | C | GUELMA | ALGERIA |
| 10359 | C | GARDELEGEN | GERMANY | 80423 | C | GUIRIA | VENEZUELA |
| 40405 | C | GASSIM | SAUDI ARABIA | 63630 | C | GULU | UGANDA |
| 41757 | C | GAWADAR | PAKISTAN | 37686 | C | GUMRI | ARMENIA |
| 61099 | C | GAYA | NIGER | 02128 | C | GUNNARN | SWEDEN |
| 26157 | C | GDOV | RUSSIAN FEDERATION | 40360 | C | GURIAT | SAUDI ARABIA |
| 62752 | C | GEDAREF | SUDAN | 70367 | C | GUSTAVUS | USA |
| 10628 | C | GEISENHEIM | GERMANY | 42410 | CT | GUWAHATI | INDIA |
| 64006 | C | GEMENA | DEMO. REP THE CONG | 47158 | T | GWANGJU AB | REP KOREA |
| 06700 | C | GENEVE-COINTRIN | SWITZERLAND & LIECH | 68034 | C | GWETA | BOTSWANA |
| 68828 | C | GEORGE AIRPORT | SOUTH AFRICA | 38763 | C | GYZYLARBAT | TURKMENISTAN |
| 08184 | C | GERONA/COSTA BRAVA | SPAIN | 40250 | C | H-4 'IRWAISHED' | JORDAN |
| 62103 | CT | GHADAMES | LIBYAN ARAB JAMAHIR | 48820 | CT | HA NOI | VIET NAM |

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| 31736 | T | HABAROVSK | RUSSIAN FEDERATION | 98324 | C | IBA | PHILIPPINES |
| 47678 | CT | HACHIJOJIMA | JAPAN | 08373 | C | IBIZA/ES CODOLA | SPAIN |
| 40634 | C | HADITHA | IRAQ | 32411 | C | ICA | RUSSIAN FEDERATION |
| 47069 | C | HAEJU | DPR KOREA | 16756 | C | IERAPETRA | GREECE |
| 40377 | C | HAFR AL-BATIN | SAUDI ARABIA | 23274 | C | IGARKA | RUSSIAN FEDERATION |
| 40394 | CT | HAIL | SAUDI ARABIA | 87097 | C | IGUAZU AERO | ARGENTINA |
| 29862 | T | HAKASSKAJA | RUSSIAN FEDERATION | 83348 | C | ILHEUS | BRAZIL |
| 71081 | C | HALL BEACH A, NU | CANADA | 25248 | C | ILIRNEJ | RUSSIAN FEDERATION |
| 10147 | C | HAMBURG-FUHLSBUETTEL | GERMANY | 60640 | C | ILLIZI | ALGERIA |
| 91824 | C | HANAN AIRPORT | NIUE | 65101 | C | ILORIN | NIGERIA |
| 02196 | C | HAPARANDA | SWEDEN | 31416 | C | IM POLINY OSIPENKO | RUSSIAN FEDERATION |
| 67774 | T | HARARE (BELVEDERE) | ZIMBABWE | 20667 | C | IM. M. V. POPOVA | RUSSIAN FEDERATION |
| 60563 | C | HASSIR'MEL | ALGERIA | 64459 | C | IMPFONDO | CONGO |
| 20891 | CT | HATANGA | RUSSIAN FEDERATION | 60630 | CT | IN-SALAH | ALGERIA |
| 71361 | C | HAY RIVER CLIMATE, NWT | CANADA | 72438 | C | INDIANAPOLIS/I.-MUN/WEIR COO | USA |
| 02974 | C | HELSINKI-VANTAA | FINLAND | 98434 | C | INFANTA | PHILIPPINES |
| 33910 | C | HENICHES'K | UKRAINE | 67323 | C | INHAMBALE | MOZAMBIQUE |
| 16754 | CT | HERAKLION (AIRPORT) | GREECE | 11120 | C | INNSBRUCK-FLUGHAFEN | AUSTRIA |
| 60001 | C | HIERRO/AEROPUERTO | SPAIN MIC | 64115 | C | INONGO | DEMO. REP THE CONG |
| 71066 | C | HIGH LEVEL A, ALTA | CANADA | 72747 | CT | INT.FALLS/FALLS INT. MN. | USA |
| 91753 | C | HIHIFO (ILE WALLIS) | DETACHED ISLANDS | 71364 | C | INUVIK CLIMATE, NWT | CANADA |
| 30844 | C | HILOK | RUSSIAN FEDERATION | 93844 | CT | INVERCARGILL AERODROME | N ZEALAND |
| 98755 | C | HINATUAN | PHILIPPINES | 16642 | C | IOANNINA (AIRPORT) | GREECE |
| 94975 | CT | HOBART AIRPORT | AUSTRALIA | 80370 | C | IPIALES/SAN LUIS | COLOMBIA |
| 10685 | C | HOF | GERMANY | 71321 | C | IQALUIT CLIMATE, NU | CANADA |
| 10962 | C | HOHENPEISSENBERG | GERMANY | 85418 | C | IQUIQUE | CHILE |
| 93615 | C | HOKITIKA AERODROME AWS | N ZEALAND | 83836 | C | IRATI | BRAZIL |
| 02288 | C | HOLMOGADD | SWEDEN | 83182 | C | IRECE | BRAZIL |
| 61240 | C | HOMBORI | MALI | 30710 | C | IRKUTSK | RUSSIAN FEDERATION |
| 62131 | C | HON | LIBYAN ARAB JAMAHIR | 29807 | C | IRTYSHSK | KAZAKHSTAN |
| 68112 | C | HOSEA KUTAKO INT'L AIRPORT | NAMIBIA | 71074 | C | ISACHSEN (AUT), NU | CANADA |
| 51828 | C | HOTAN | CHINA | 28573 | C | ISHIM | RUSSIAN FEDERATION |
| 72243 | C | HOUSTON/INTERCONTINENTAL, TX | USA | 64062 | C | ISIRO | DEMO. REP THE CONG |
| 44218 | C | HOVD | MONGOLIA | 41571 | CT | ISLAMABAD AIRPORT | PAKISTAN |
| 66318 | C | HUAMBO (NOVA LISBOA) | ANGOLA | 17240 | CT | ISPARTA | TURKEY |
| 48852 | C | HUE | VIET NAM | 17062 | CT | ISTANBUL/GOZTEPE | TURKEY |
| 44285 | C | HUJIRT | MONGOLIA | 82336 | C | ITACOATIARA | BRAZIL |
| 72323 | C | HUNTSVILLE/MADISON CO., AL. | USA | 98132 | C | ITBAYAT | PHILIPPINES |
| 03862 | C | HURN | U KINGDOM | 83295 | C | ITIRUCU (JAGUAQUARA) | BRAZIL |
| 44232 | C | HUTAG | MONGOLIA | 04339 | CT | ITTOQQORTOORMIIT (SCORESBYSU | GREENLAND |
| 43128 | CT | HYDERABAD AIRPORT | INDIA | 10142 | C | ITZEHOE | GERMANY |
| 47016 | C | HYESAN | DPR KOREA | 33526 | C | IVANO-FRANKIVS'K | UKRAINE |
| 15090 | C | IASI | ROMANIA | 23921 | CT | IVDEL' | RUSSIAN FEDERATION |
| 82067 | C | IAUARETE | BRAZIL | 83704 | C | IVINHEMA | BRAZIL |

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| 60010 | C | IZANA | SPAIN | 10427 | C | KAHLER ASTEN | GERMANY |
| 34415 | C | IZIUM | UKRAINE | 60735 | C | KAIROUAN | TUNISIA |
| 17220 | CT | IZMIR/GUZELYALI | TURKEY | 02897 | C | KAJAANI | FINLAND |
| 84088 | C | IZOBAMBA | ECUADOR | 41535 | C | KAKUL | PAKISTAN |
| 47800 | CT | IZUHARA | JAPAN | 67625 | C | KALABO | ZAMBIA |
| 82640 | C | JACAREACANGA | BRAZIL | 25744 | C | KAMENSKOE | RUSSIAN FEDERATION |
| 08417 | C | JAEN | SPAIN | 40637 | C | KANAQIN | IRAQ |
| 43041 | C | JAGDALPUR | INDIA | 61679 | C | KAOLACK | SENEGAL |
| 96745 | C | JAKARTA/OBSERVATORY | INDONESIA | 71299 | C | KAPUSKASING CDA ON, ONT | CANADA |
| 76687 | C | JALAPA, VER. | MEXICO | 41780 | CT | KARACHI AIRPORT | PAKISTAN |
| 01001 | CT | JAN MAYEN | NORWAY | 67475 | C | KASAMA | ZAMBIA |
| 38141 | C | JASLYK | UZBEKISTAN | 44454 | C | KATHMANDU AIRPORT | NEPAL |
| 97690 | C | JAYAPURA/SENTANI | INDONESIA | 26629 | C | KAUNAS | LITHUANIA |
| 41024 | CT | JEDDAH (KING ABDUL AZIZ INT. | SAUDI ARABIA | 92076 | C | KAVIENG W.O. | PAPUA N GUINEA |
| 47184 | C | JEJU | REP KOREA | 67403 | C | KAWAMBWA | ZAMBIA |
| 60725 | C | JENDOUBA | TUNISIA | 61257 | C | KAYES | MALI |
| 08451 | C | JEREZ DE LA FRONTERA AEROPUE | SPAIN | 27595 | CT | KAZAN' | RUSSIAN FEDERATION |
| 41936 | C | JESSORE | BANGLADESH | 61699 | C | KEDOUGOU | SENEGAL |
| 41598 | CT | JHELUM | PAKISTAN | 68312 | C | KEETMANSHOOP | NAMIBIA |
| 60351 | C | JIJEL-ACHOUAT | ALGERIA | 04018 | CT | KEFLAVIKURFLUGVOLLUR | ICELAND |
| 63402 | C | JIMMA | ETHIOPIA | 22522 | CT | KEM' | RUSSIAN FEDERATION |
| 52533 | C | JIUQUAN | CHINA | 60120 | C | KENITRA | MOROCCO |
| 41756 | CT | JIWANI | PAKISTAN | 16641 | C | KERKYRA (AIRPORT) | GREECE |
| 82798 | C | JOAO PESSOA | BRAZIL | 02805 | C | KEVO | FINLAND |
| 42339 | CT | JODHPUR | INDIA | 72201 | C | KEY WEST/INT., FL | USA |
| 02929 | C | JOENSUU | FINLAND | 37673 | C | KHACHMAZ AERODROME | AZERBAIJAN |
| 68368 | C | JOHANNESBURG INTNL. AIRPORT | SOUTH AFRICA | 33902 | C | KHERSON | UKRAINE |
| 02963 | CT | JOKIOINEN | FINLAND | 33429 | C | KHMEL'NYTS'KYI | UKRAINE |
| 02550 | C | JONKOPING/AXAMO | SWEDEN | 38599 | C | KHUDJANT | TAJIKISTAN |
| 65134 | C | JOS | NIGERIA | 61214 | C | KIDAL | MALI |
| 85585 | C | JUAN FERNANDEZ | CHILE | 10046 | C | KIEL-HOLTENAU | GERMANY |
| 21931 | C | JUBILEJNAJA | RUSSIAN FEDERATION | 61498 | C | KIFFA | MAURITANIA |
| 83692 | C | JUIZ DE FORA | BRAZIL | 64387 | C | KIGALI | RWANDA |
| 87046 | C | JUJUY AERO | ARGENTINA | 64222 | C | KIKWIT | DEMO. REP THE CONG |
| 84735 | C | JULIACA | PERU | 02801 | C | KILPISJARVI | FINLAND |
| 87548 | C | JUNIN AERO | ARGENTINA | 47025 | C | KIMCHAEK | DPR KOREA |
| 32150 | CT | JUZHNO-SAHALINSK | RUSSIAN FEDERATION | 61818 | C | KINDIA | GUINEA |
| 02935 | CT | JYVASKYLA | FINLAND | 27199 | C | KIROV | RUSSIAN FEDERATION |
| 40417 | CT | K.F.I.A. (KING FAHAD INT. AI | SAUDI ARABIA | 24606 | C | KISLOKAN | RUSSIAN FEDERATION |
| 43588 | C | KAADEDHDHOO | MALDIVES | 61270 | C | KITA | MALI |
| 40948 | CT | KABUL AIRPORT | AFGHANISTAN, ISLAMIC | 92001 | C | KIUNGA W.O. | PAPUA N GUINEA |
| 62810 | C | KADOGLLI | SUDAN | 30925 | C | KJAHTA | RUSSIAN FEDERATION |
| 61492 | C | KAEDI | MAURITANIA | 21921 | C | KJUSJUR | RUSSIAN FEDERATION |
| 47827 | CT | KAGOSHIMA | JAPAN | 11231 | C | KLAGENFURT-FLUGHAFEN | AUSTRIA |

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| 33939 | C | KLEPYNINE | UKRAINE | 10805 | C | LAHR | GERMANY |
| 32389 | CT | KLJUCHI | RUSSIAN FEDERATION | 08509 | C | LAJES (ACORES) | PORTUGAL |
| 72326 | C | KNOXVILLE/MUN., TN. | USA | 72240 | C | LAKE CHARLES/MUN., | USA |
| 11487 | C | KOCELOVICE | CZECH REP | 16675 | C | LAMIA | GREECE |
| 06181 | T | KOEBENHAVN/JAEGERSBORG | DENMARK AND FAROE I | 37985 | C | LANKARAN | AZERBAIJAN |
| 41564 | C | KOHAT | PAKISTAN | 98223 | C | LAOAG | PHILIPPINES |
| 36535 | C | KOKPEKTY | KAZAKHSTAN | 16648 | C | LARISSA (AIRPORT) | GREECE |
| 29231 | CT | KOLPASEVO | RUSSIAN FEDERATION | 60030 | C | LAS PALMAS DE GRAN CANARIA/G | SPAIN |
| 33723 | C | KOMISARIVKA | UKRAINE | 40022 | C | LATTAKIA | SYRIAN ARAB REP |
| 10929 | C | KONSTANZ | GERMANY | 94968 | C | LAUNCESTON AIRPORT COMPARISO | AUSTRALIA |
| 25503 | C | KORKODON | RUSSIAN FEDERATION | 83687 | C | LAVRAS | BRAZIL |
| 16742 | C | KOS (AIRPORT) | GREECE | 13577 | C | LAZAROPOLE | MACEDONIA |
| 42452 | C | KOTA AERODROME | INDIA | 78925 | C | LE LAMENTIN | MARTINIQUE |
| 64893 | C | KOUNDJA | CAMEROON | 94302 | CT | LEARMONTH AIRPORT | AUSTRALIA |
| 45004 | CT | KOWLOON | HONG KONG, CHINA | 12120 | CT | LEBA | POLAND |
| 16632 | C | KOZANI (AIRPORT) | GREECE | 03257 | C | LEEMING | U KINGDOM |
| 12566 | C | KRAKOW | POLAND | 12374 | T | LEGIONOWO | POLAND |
| 14008 | C | KREDARICA | SLOVENIA | 10449 | C | LEINEFELDE | GERMANY |
| 64971 | C | KRIBI | CAMEROON | 38998 | C | LEKKER | TURKMENISTAN |
| 33791 | C | KRYVYI RIH | UKRAINE | 83242 | C | LENCOIS | BRAZIL |
| 60514 | C | KSAR CHELLALA | ALGERIA | 08055 | C | LEON/VIRGEN DEL CAMINO | SPAIN |
| 48647 | C | KUALA LUMPUR/SUBANG | MALAYSIA | 03005 | CT | LERWICK | U KINGDOM |
| 96413 | CT | KUCHING | MALAYSIA | 78447 | C | LES CAYES | HAITI |
| 62271 | C | KUFRA | LIBYAN ARAB JAMAHIR | 80398 | CT | LETICIA/VASQUEZ COBO | COLOMBIA |
| 71938 | C | KUGLUKTUK A, NU | CANADA | 28064 | C | LEUSI | RUSSIAN FEDERATION |
| 38343 | C | KULAN | KAZAKHSTAN | 72422 | C | LEXINGTON/BLUE GRASS, KY. | USA |
| 65442 | C | KUMASI | GHANA | 55591 | CT | LHASA | CHINA |
| 56778 | CT | KUNMING | CHINA | 11603 | C | LIBEREC | CZECH REP |
| 97372 | C | KUPANG/ELTARI | INDONESIA | 10591 | C | LICHENHAIN-MITTELNDORF | GERMANY |
| 15730 | C | KURDJALI | BULGARIA | 26406 | C | LIEPAJA | LATVIA |
| 47418 | C | KUSHIRO | JAPAN | 91165 | CT | LIHUE, KAUAI, HAWAII | USA |
| 17155 | C | KUTAHYA | TURKEY | 07015 | C | LILLE | FRANCE |
| 02869 | C | KUUSAMO | FINLAND | 07434 | C | LIMOGES | FRANCE |
| 40582 | CT | KUWAIT INTERNATIONAL AIRPORT | KUWAIT | 74560 | T | LINCOLN, IL. | USA |
| 02120 | C | KVIKKJOKK-ARRENJARKA | SWEDEN | 64014 | C | LISALA | DEMO. REP THE CONG |
| 91366 | C | KWAJALEIN/BUCHOLZ AAF, MARSH | USA | 72340 | C | LITTLE ROCK/ADAMS FLD, | USA |
| 30949 | C | KYRA | RUSSIAN FEDERATION | 33761 | C | LIUBASHIVKA | UKRAINE |
| 16743 | C | KYTHIRA | GREECE | 67743 | C | LIVINGSTONE | ZAMBIA |
| 36096 | C | KYZYL | RUSSIAN FEDERATION | 14015 | C | LJUBLJANA/BEZIGRAD | SLOVENIA |
| 35576 | C | KZYLZAR | KAZAKHSTAN | 64146 | C | LODJA | DEMO. REP THE CONG |
| 33393 | CT | L'VIV | UKRAINE | 08084 | C | LOGRONO/AGONCILLO | SPAIN |
| 08001 | CT | LA CORUNA | SPAIN | 84270 | C | LOJA/LA ARGELIA | ECUADOR |
| 61809 | C | LABE | GUINEA | 15511 | C | LOM | BULGARIA |
| 60545 | C | LAGHOUAT | ALGERIA | 83766 | C | LONDrina | BRAZIL |

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| 94995 | CT | LORD HOWE ISLAND AERO | AUSTRALIA | 64503 | C | MAYUMBA | GABON |
| 72295 | C | LOS ANGELES /INT., | USA | 40911 | C | MAZAR-I-SHARIF | AFGHANISTAN,ISLAMIC |
| 72423 | C | LOUISVILLE/STANDIFORD, KY. | USA | 67413 | C | MBALA | ZAMBIA |
| 95964 | C | LOW HEAD | AUSTRALIA | 64247 | C | MBUJI-MAYI | DEMO. REP THE CONG |
| 66160 | CT | LUANDA | ANGOLA | 70231 | C | MCGRATH, AK | USA |
| 33377 | C | LUBNY | UKRAINE | 71897 | C | MCINNES ISLAND, BC | CANADA |
| 42369 | T | LUCKNOW/AMAUSI | INDIA | 60549 | C | MECHERIA | ALGERIA |
| 42099 | C | LUDHIANA | INDIA | 96035 | CT | MEDAN/POLONIA | INDONESIA |
| 10418 | C | LUEDENSCHEID | GERMANY | 94430 | CT | MEEKATHARRA AIRPORT | AUSTRALIA |
| 06770 | C | LUGANO | SWITZERLAND & LIECH | 10548 | CT | MEININGEN | GERMANY |
| 34523 | C | LUHANS'K | UKRAINE | 60150 | C | MEKNES | MOROCCO |
| 98747 | C | LUMBIA AIRPORT | PHILIPPINES | 94866 | CT | MELBOURNE AIRPORT | AUSTRALIA |
| 61856 | C | LUNGI | SIERRA LEONE | 61250 | C | MENAKA | MALI |
| 64209 | C | LUOZI | DEMO. REP THE CONG | 86490 | C | MERCEDES | URUGUAY |
| 16597 | C | LUQA | MALTA | 16420 | C | MESSINA | ITALY |
| 67665 | C | LUSAKA INTERNATIONAL AIRPORT | ZAMBIA | 16734 | C | METHONI | GREECE |
| 06590 | C | LUXEMBOURG/LUXEMBOURG | LUXEMBOURG | 76680 | C | MEXICO (CENTRAL), | MEXICO |
| 03740 | C | LYNEHAM | U KINGDOM | 22471 | C | MEZEN' | RUSSIAN FEDERATION |
| 07481 | C | LYON-SATOLAS | FRANCE | 67599 | C | MFUWE | ZAMBIA |
| 64452 | C | M'POUYA | CONGO | 41592 | C | MIANWALI | PAKISTAN |
| 60467 | C | M'SILA | ALGERIA | 10648 | C | MICHELSTADT-VIELBRUNN | GERMANY |
| 40310 | C | MA'AN | JORDAN | 60195 | C | MIDELT | MOROCCO |
| 44294 | C | MAANTI | MONGOLIA | 33846 | C | MIKO LAIV | UKRAINE |
| 43185 | C | MACHILIPATNAM/FRANCHPET | INDIA | 11464 | C | MILESOVKA | CZECH REP |
| 08221 | CT | MADRID/BARAJAS | SPAIN | 47945 | CT | MINAMIDAITOJIMA | JAPAN |
| 47624 | C | MAEBASHI | JAPAN | 89592 | CT | MIRNYJ | USSR |
| 40265 | CT | MAFRAQ | JORDAN | 12772 | C | MISKOLC | HUNGARY |
| 25913 | T | MAGADAN | RUSSIAN FEDERATION | 64552 | C | MITZIC | GABON |
| 37472 | C | MAHACHKALA | RUSSIAN FEDERATION | 47585 | C | MIYAKO | JAPAN |
| 47750 | C | MAIZURU | JAPAN | 68242 | CT | MMABATHO | SOUTH AFRICA |
| 91376 | C | MAJURO/MARSHALL IS. INTNL. | USA | 64565 | C | MOANDA | GABON |
| 64403 | C | MAKABANA | CONGO | 64665 | C | MOBAYE | CENTRAL AFRICAN REP |
| 08482 | C | MALAGA/AEROPUERTO | SPAIN | 66422 | C | MOCAMEDES | ANGOLA |
| 61820 | C | MAMOU | GUINEA | 26863 | C | MOGILEV | BELARUS |
| 03797 | C | MANSTON | U KINGDOM | 47165 | C | MOKPO | REP KOREA |
| 64701 | C | MAO | CHAD | 72544 | C | MOLINE/QUAD CITY, | USA |
| 67341 | C | MAPUTO/MAVALANE | MOZAMBIQUE | 92044 | CT | MOMOTE W.O. | PAPUA N GUINEA |
| 87774 | C | MAQUINCHAO | ARGENTINA | 66310 | C | MONBACA (BENGUELA) | ANGOLA |
| 80407 | C | MARACAIBO-LA CHINITA | VENEZUELA | 71836 | CT | MOOSONEE A, ON | CANADA |
| 98543 | C | MASBATE | PHILIPPINES | 61265 | C | MOPTI | MALI |
| 44314 | C | MATAD | MONGOLIA | 67131 | C | MOROMBE | MADAGASCAR |
| 68032 | C | MAUN | BOTSWANA | 14648 | C | MOSTAR | BOSNIA AND HERZEGOV |
| 66447 | C | MAVINGA | ANGOLA | 64550 | C | MOUILA | GABON |
| 89564 | CT | MAWSON | AUSTRALIA | 63619 | C | MOYALE | KENYA |

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| 33036 | C | MOZYR | BELARUS | 29752 | C | NENASTNAYA | RUSSIAN FEDERATION |
| 67477 | C | MPIKA | ZAMBIA | 30879 | C | NERCHINSKIJ ZAVOD | RUSSIAN FEDERATION |
| 63971 | C | MTWARA | U REP TANZANIA | 10280 | C | NEUBRANDENBURG | GERMANY |
| 10315 | C | MUENSTER/OSNABRUECK | GERMANY | 42182 | CT | NEW DELHI/SAFDARJUNG | INDIA |
| 17292 | C | MUGLA | TURKEY | 64870 | C | NGAOUNDERE | CAMEROON |
| 42147 | C | MUKTESHWAR KUMAON | INDIA | 48877 | C | NHA TRANG | VIET NAM |
| 41675 | CT | MULTAN | PAKISTAN | 95829 | C | NHILL | AUSTRALIA |
| 98329 | C | MUNOZ | PHILIPPINES | 61052 | CT | NIAMEY-AERO | NIGER |
| 08430 | CT | MURCIA | SPAIN | 07690 | C | NICE | FRANCE |
| 72636 | C | MUSKEGON/COUNTY, MI. | USA | 17250 | C | NIGDE | TURKEY |
| 41006 | C | MUWAIH | SAUDI ARABIA | 02942 | C | NIINISALO | FINLAND |
| 63756 | C | MWANZA | U REP TANZANIA | 31369 | C | NIKOLAEVSK-NA-AMURE | RUSSIAN FEDERATION |
| 67441 | C | MWINILUNGA | ZAMBIA | 07645 | T | NIMES-COURBESSAC | FRANCE |
| 48008 | C | MYITKYINA | MYANMAR | 98429 | C | NINOY AQUINO INTERNATIONAL A | PHILIPPINES |
| 33466 | C | MYRONIVKA | UKRAINE | 61230 | C | NIORO DU SAHEL | MALI |
| 25062 | C | MYS BILLINGSA | RUSSIAN FEDERATION | 13388 | C | NIS | SERBIA AND MONTENEG |
| 16667 | C | MYTILINI (AIRPORT) | GREECE | 30433 | C | NIZHNEANGARSK | RUSSIAN FEDERATION |
| 64654 | C | N'DELE | CENTRAL AFRICAN REP | 23724 | C | NJAKSIMVOL' | RUSSIAN FEDERATION |
| 61049 | C | N'GUIGMI | NIGER | 41710 | CT | NOKKUNDI | PAKISTAN |
| 61849 | C | N'ZEREKORE | GUINEA | 70200 | CT | NOME, AK | USA |
| 60557 | C | NAAMA | ALGERIA | 10113 | C | NORDERNEY | GERMANY |
| 23445 | C | NADYM | RUSSIAN FEDERATION | 61415 | CT | NOUADHIBOU | MAURITANIA |
| 42867 | CT | NAGPUR SONEGAON | INDIA | 23242 | C | NOVYJ PORT | RUSSIAN FEDERATION |
| 47936 | CT | NAHA | JAPAN | 94750 | C | NOWRA RAN AIR STATION AWS | AUSTRALIA |
| 63741 | T | NAIROBI/DAGORETTI | KENYA | 10506 | C | NUERBURG-BARWEILER | GERMANY |
| 41128 | C | NAJRAN | SAUDI ARABIA | 94681 | C | NURIOOTPA VITICULTURAL | AUSTRALIA |
| 24713 | C | NAKANNO | RUSSIAN FEDERATION | 04250 | C | NUUK (GODTHaab) | GREENLAND |
| 62002 | C | NALUT | LIBYAN ARAB JAMAHIR | 43473 | C | NUWARA ELIYA | SRI LANKA |
| 38611 | CT | NAMANGAN | UZBEKISTAN | 91212 | C | NWSO AGANA, GUAM, MARIANA IS | USA |
| 07180 | CT | NANCY-ESSEY | FRANCE | 62790 | C | NYALA | SUDAN |
| 04270 | T | NARSARSAQ | GREENLAND | 62200 | C | OBARI | LIBYAN ARAB JAMAHIR |
| 72327 | CT | NASHVILLE/METROPOLITAN, TN. | USA | 10948 | C | OBERSTDORF | GERMANY |
| 71813 | C | NATASHQUAN A, QUE | CANADA | 64659 | C | OBO | CENTRAL AFRICAN REP |
| 91683 | C | NAUSORI | FIJI | 33837 | CT | ODESA | UKRAINE |
| 08215 | C | NAVACERRADA | SPAIN | 65528 | C | ODIENNE | COTE D'IVOIRE |
| 41749 | CT | NAWABSHAH | PAKISTAN | 10742 | C | OEHRINGEN | GERMANY |
| 16732 | C | NAXOS | GREECE | 31088 | CT | OHOTSK | RUSSIAN FEDERATION |
| 47909 | CT | NAZE | JAPAN | 47815 | C | OITA | JAPAN |
| 64700 | CT | NDJAMENA | CHAD | 24688 | C | OJMIAKON | RUSSIAN FEDERATION |
| 67561 | C | NDOLA | ZAMBIA | 23734 | C | OKTJABR'SKOE | RUSSIAN FEDERATION |
| 38634 | C | NEBITDAG | TURKMENISTAN | 10215 | C | OLDENBURG | GERMANY |
| 80315 | C | NEIVA/BENITO SALAS | COLOMBIA | 24125 | CT | OLENEK | RUSSIAN FEDERATION |
| 31152 | C | NEL' KAN | RUSSIAN FEDERATION | 72792 | C | OLYMPIA, WA. | USA |
| 47420 | CT | NEMURO | JAPAN | 47655 | C | OMAEZAKI | JAPAN |

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| 44215 | C | OMNO-GOBI | MONGOLIA | 91554 | C | PEKOA AIRPORT (SANTO) | VANUATU |
| 25428 | C | OMOLON | RUSSIAN FEDERATION | 67215 | C | PEMBA | MOZAMBIQUE |
| 28698 | CT | OMSK | RUSSIAN FEDERATION | 27962 | T | PENZA | RUSSIAN FEDERATION |
| 01212 | C | ONA II | NORWAY | 72532 | C | PEORIA/GREATER PEORIA MUN., | USA |
| 22641 | C | ONEGA | RUSSIAN FEDERATION | 07747 | C | PERPIGNAN | FRANCE |
| 91699 | C | ONO-I-LAU AWS | FIJI | 41530 | CT | PESHAWAR | PAKISTAN |
| 94476 | C | OODNADATTA AIRPORT | AUSTRALIA | 28679 | C | PETROPAVLOVSK | KAZAKHSTAN |
| 10468 | T | OPPIN | GERMANY | 48887 | C | PHAN THIET | VIET NAM |
| 60461 | C | ORAN-PORT | ALGERIA | 48378 | C | PHITSANULOK | THAILAND |
| 94917 | C | ORBOST (COMPARISON) | AUSTRALIA | 48991 | C | PHNOM-PENH/POCHENTONG | CAMBODIA |
| 08048 | C | ORENSE | SPAIN | 72278 | C | PHOENIX/SKY HARBOR, | USA |
| 76737 | C | ORIZABA, VER. | MEXICO | 48826 | C | PHU LIEN | VIET NAM |
| 01241 | CT | ORLAND III | NORWAY | 16052 | C | PIAN ROSA | ITALY |
| 40712 | C | ORUMIEH | IRAN, ISLAMIC REP | 84140 | C | PICHILINGUE | ECUADOR |
| 47122 | T | OSAN AB | REP KOREA | 11826 | C | PIESTANY | SLOVAKIA |
| 10480 | C | OSCHATZ | GERMANY | 87679 | C | PIGUE AERO | ARGENTINA |
| 47675 | C | OOSHIMA | JAPAN | 86255 | C | PILAR | PARAGUAY |
| 01384 | C | OSLO/GARDERMOEN | NORWAY | 33019 | C | PINSK | BELARUS |
| 85782 | C | OSORNO | CHILE | 83483 | C | PIRAPORA | BRAZIL |
| 02226 | C | OSTERSUND FROSON | SWEDEN | 16158 | C | PISA/S. GIUSTO | ITALY |
| 65503 | C | OUAGADOUGOU | BURKINA FASO | 72520 | CT | PITTSBURGH/GREATER PITTSBURG | USA |
| 07100 | C | OUESSANT | FRANCE | 84401 | C | PIURA | PERU |
| 60115 | C | OUJDA | MOROCCO | 61990 | C | PLAISANCE (MAURITIUS) | MAURITIUS |
| 02875 | C | OULU | FINLAND | 07117 | C | PLOUMANAC'H PERROS GUIREC | FRANCE |
| 60421 | C | OUM EL BOUAGHI | ALGERIA | 65518 | C | PO | BURKINA FASO |
| 08015 | C | OVIEDO | SPAIN | 72578 | C | POCATELLO/MUN., ID. | USA |
| 47663 | C | OWASE | JAPAN | 13463 | C | PODGORICA-GRAD | SERBIA AND MONTENEG |
| 87823 | C | P.MADRYN AERO | ARGENTINA | 32027 | C | POGIBI | RUSSIAN FEDERATION |
| 22619 | C | PADANY | RUSSIAN FEDERATION | 47138 | CT | POHANG | REP KOREA |
| 16022 | C | PAGANELLA | ITALY | 07207 | C | POINTE DU TALUT | FRANCE |
| 48955 | C | PAKSE | LAO PDR | 20046 | C | POLARGMO IM. E.T. KRENKELJA | RUSSIAN FEDERATION |
| 64709 | C | PALA | CHAD | 33705 | C | POMICHNA | UKRAINE |
| 08085 | C | PAMPLONA/NOAIN | SPAIN | 08053 | C | PONFERRADA | SPAIN |
| 41739 | CT | PANJGUR | PAKISTAN | 11934 | C | POPRAD/TATRY | SLOVAKIA |
| 41560 | CT | PARACHINAR | PAKISTAN | 27675 | C | PORETSKOE | RUSSIAN FEDERATION |
| 83914 | C | PASSO FUNDO | BRAZIL | 83332 | C | POSSE | BRAZIL |
| 42492 | T | PATNA | INDIA | 10379 | C | POTSDAM | GERMANY |
| 71984 | C | PAULATUK, NWT | CANADA | 83358 | C | POXOREO (POXOREU) | BRAZIL |
| 27823 | C | PAVELETS | RUSSIAN FEDERATION | 12330 | CT | POZNAN | POLAND |
| 06610 | CT | PAYERNE | SWITZERLAND & LIECH | 11518 | C | PRAHA/RUZYNE | CZECH REP |
| 71434 | C | PEAWANUCK (AUT), ONT | CANADA | 31989 | C | PREOBRAZHENIE | RUSSIAN FEDERATION |
| 12942 | C | PECS/POGANY | HUNGARY | 11659 | C | PRIBYSLAV | CZECH REP |
| 82863 | C | PEDRO AFONSO | BRAZIL | 11747 | CT | PROSTEJOV | CZECH REP |
| 87544 | C | PEHUATO AERO | ARGENTINA | 12695 | C | PRZEMYSL | POLAND |

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| 80412 | C | PTO. CABELLO | VENEZUELA | 41533 | C | RISALPUR | PAKISTAN |
| 84515 | C | PUCALLPA | PERU | 33301 | C | RIVNE | UKRAINE |
| 29313 | C | PUDINO | RUSSIAN FEDERATION | 40438 | C | RIYADH OBS. (O.A.P.) | SAUDI ARABIA |
| 76685 | C | PUEBLA, PUE. | MEXICO | 17040 | C | RIZE | TURKEY |
| 43063 | C | PUNE | INDIA | 72411 | C | ROANOKE/MUN., VA. | USA |
| 26359 | C | PUSKINSKIE GORY | RUSSIAN FEDERATION | 65660 | C | ROBERTS FIELD | LIBERIA |
| 43424 | C | PUTTALAM | SRI LANKA | 72529 | C | ROCHESTER/ROCHESTER-MONROE C | USA |
| 84179 | C | PUYO | ECUADOR | 61988 | C | RODRIGUES | MAURITIUS |
| 47058 | CT | PYONGYANG | DPR KOREA | 06190 | C | ROENNE | DENMARK AND FAROE I |
| 37740 | C | QABALA | AZERBAIJAN | 41725 | C | ROHRI | PAKISTAN |
| 68456 | C | QACHA'S NEK | LESOTHO | 15726 | C | ROJEN | BULGARIA |
| 56137 | C | QAMDO | CHINA | 30650 | C | ROMANOVKA | RUSSIAN FEDERATION |
| 71338 | C | QIKIQTARJUAQ A, NU | CANADA | 03957 | C | ROSSLARE | IRELAND |
| 54857 | C | QINGDAO | CHINA | 89062 | CT | ROTHERA | U KINGDOM |
| 50745 | C | QIQIHAAR | CHINA | 07037 | C | ROUEN | FRANCE |
| 74455 | T | QUAD CITY, IA. | USA | 98538 | C | ROXAS | PHILIPPINES |
| 41660 | C | QUETTA AIRPORT | PAKISTAN | 33834 | C | ROZDIL'NA | UKRAINE |
| 80144 | C | QUIBDO/EL CARANO | COLOMBIA | 64383 | C | RUHENGERI | RWANDA |
| 48870 | C | QUY NHON | VIET NAM | 51777 | C | RUOQIANG | CHINA |
| 60135 | C | RABAT-SALE | MOROCCO | 85141 | C | RURRENABAQUE | BOLIVIA |
| 40362 | C | RAFHA | SAUDI ARABIA | 40642 | C | RUTBAH | IRAQ |
| 72306 | C | RALEIGH/RALEIGH-DURHAM, NC. | USA | 28966 | C | RUZAEVKA | KAZAKHSTAN |
| 41859 | C | RANGPUR | BANGLADESH | 27730 | T | RYAZAN' | RUSSIAN FEDERATION |
| 91997 | T | RAOUL ISLAND, | DETACHED ISLANDS | 16008 | C | S. VALENTINO ALLA MUTA | ITALY |
| 72662 | CT | RAPID CITY/REGIONAL AIRPORT, | USA | 82879 | C | S.JOAO DO PIAUI | BRAZIL |
| 91843 | CT | RAROTONGA | COOK ISLANDS | 10708 | C | SAARBRUECKEN/ENSHEIM | GERMANY |
| 40102 | C | RAYACK | LEBANON | 96001 | C | SABANG/CUT BAU | INDONESIA |
| 22602 | C | REBOLY | RUSSIAN FEDERATION | 71467 | C | SACHS HARBOUR CLIMATE, NWT | CANADA |
| 82900 | CT | RECIFE | BRAZIL | 28552 | C | SADRINSK | RUSSIAN FEDERATION |
| 10776 | C | REGENSBURG | GERMANY | 06680 | C | SAENTIS | SWITZERLAND & LIECH |
| 07070 | C | REIMS | FRANCE | 42671 | C | SAGAR | INDIA |
| 82979 | C | REMANSO | BRAZIL | 60536 | C | SAIDA | ALGERIA |
| 07130 | C | RENNES | FRANCE | 08202 | C | SALAMANCA/MATACAN | SPAIN |
| 83738 | C | RESENDE | BRAZIL | 16723 | C | SAMOS (AIRPORT) | GREECE |
| 16758 | C | RETHYMNON | GREECE | 08023 | CT | SANTANDER | SPAIN |
| 08175 | C | REUS/AEROPUERTO | SPAIN | 83550 | C | SAO MATEUS | BRAZIL |
| 04030 | C | REYKJAVIK | ICELAND | 47412 | CT | SAPPORO | JAPAN |
| 16749 | C | RHODES (AIRPORT) | GREECE | 14654 | C | SARAJEVO-BJELAVE | BOSNIA AND HERZEGOV |
| 85043 | C | RIBERALTA | BOLIVIA | 21802 | C | SASKYLAH | RUSSIAN FEDERATION |
| 94340 | C | RICHMOND POST OFFICE | AUSTRALIA | 66226 | C | SAURIMO (HENRIQUE DE CARVALH | ANGOLA |
| 26422 | CT | RIGA | LATVIA | 48947 | C | SAVANNAKHET | LAO PDR |
| 91948 | CT | RIKITEA | FRENCH POLY. | 48938 | C | SAYABOURY | LAO PDR |
| 44203 | C | RINCHINLHUMBE | MONGOLIA | 03373 | C | SCAMPTON | U KINGDOM |
| 76581 | C | RIO VERDE, S.L.P. | MEXICO | 10035 | CT | SCHLESWIG | GERMANY |

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| 98430 | C | SCIENCE GARDEN | PHILIPPINES | 26951 | C | SLUTSK | BELARUS |
| 94738 | C | SCONE SCS | AUSTRALIA | 71950 | C | SMITHERS A, BC | CANADA |
| 72793 | C | SEATTLE/S.-TACOMA, | USA | 26781 | C | SMOLENSK | RUSSIAN FEDERATION |
| 62124 | C | SEBHA | LIBYAN ARAB JAMAHIR | 76845 | C | SN. CRISTOBAL LAS CASAS, CHI | MEXICO |
| 10261 | C | SEEHAUSEN | GERMANY | 32477 | C | SOBOLEVO | RUSSIAN FEDERATION |
| 61892 | C | SEFADU | SIERRA LEONE | 02836 | CT | SODANKYLA | FINLAND |
| 24661 | C | SEGEN-KYUEL' | RUSSIAN FEDERATION | 15614 | CT | SOFIA (OBSERV.) | BULGARIA |
| 25703 | CT | SEJMCHAN | RUSSIAN FEDERATION | 47090 | T | SOKCHO | REP. KOREA |
| 32509 | C | SEMYACHIK | RUSSIAN FEDERATION | 67551 | C | SOLWEZI | ZAMBIA |
| 47590 | CT | SENDAI | JAPAN | 48568 | CT | SONGKHLA | THAILAND |
| 47108 | C | SEOUL | REP. KOREA | 08148 | C | SORIA | SPAIN |
| 71279 | C | SEPT-ILES, QUE | CANADA | 16746 | C | SOUDA (AIRPORT) | GREECE |
| 61976 | CT | SERGE-FROLOW (ILE TROMELIN) | OCEAN ISLANDS | 31770 | C | SOVETSKAYA GAVAN' | RUSSIAN FEDERATION |
| 67741 | C | SESHEKE | ZAMBIA | 14445 | C | SPLIT/MARJAN | CROATIA |
| 60445 | C | SETIF | ALGERIA | 72786 | T | SPOKANE, WA. | USA |
| 08391 | C | SEVILLA/SAN PABLO | SPAIN | 68512 | CT | SPRINGBOK | SOUTH AFRICA |
| 70277 | C | SEWARD | USA | 25206 | C | SREDNE-KOLYMSK | RUSSIAN FEDERATION |
| 63985 | T | SEYCHELLES INTER. AIRPORT (R | SEYCHELLES | 42027 | CT | SRINAGAR | INDIA |
| 37126 | C | SHADZHATMAZ | RUSSIAN FEDERATION | 10028 | C | ST PETER-ORDING | GERMANY |
| 22768 | C | SHENKURSK | RUSSIAN FEDERATION | 61901 | CT | ST. HELENA IS. | OCEAN ISLANDS |
| 38921 | C | SHIRABAD | UZBEKISTAN | 01415 | CT | STAVANGER/SOLA | NORWAY |
| 22271 | T | SHOJNA | RUSSIAN FEDERATION | 71017 | C | STEFANSSON ISLAND, NU | CANADA |
| 72248 | CT | SHREVEPORT/REG., LA. | USA | 02485 | C | STOCKHOLM | SWEDEN |
| 38328 | C | SHYMKENT | KAZAKHSTAN | 07190 | C | STRASBOURG-ENTZHEIM | FRANCE |
| 26524 | C | SIAULIAI | LITHUANIA | 10738 | C | STUTTGART-ECHTERDINGEN | GERMANY |
| 15260 | C | SIBIU | ROMANIA | 15023 | C | SUCEAVA | ROMANIA |
| 60520 | C | SIDI-BEL-ABBES | ALGERIA | 24136 | C | SUHANA | RUSSIAN FEDERATION |
| 48966 | C | SIEMREAP | CAMBODIA | 15360 | C | SULINA | ROMANIA |
| 61811 | C | SIGUIRI | GUINEA | 33275 | C | SUMY | UKRAINE |
| 17210 | C | SIIRT | TURKEY | 24738 | C | SUNTAR | RUSSIAN FEDERATION |
| 61297 | C | SIKASSO | MALI | 22676 | C | SURA | RUSSIAN FEDERATION |
| 42619 | C | SILCHAR | INDIA | 24790 | C | SUSUMAN | RUSSIAN FEDERATION |
| 33946 | C | SIMFEROPOL' | UKRAINE | 47421 | C | SUTTSU | JAPAN |
| 48698 | CT | SINGAPORE/CHANGI AIRPORT | SINGAPORE | 01008 | C | SVALBARD LUFTHAVN | NORWAY |
| 71842 | C | SIOUX LOOKOUT A, ONT | CANADA | 71446 | C | SWIFT CURRENT CDA, SASK | CANADA |
| 62019 | CT | SIRTE | LIBYAN ARAB JAMAHIR | 94767 | CT | SYDNEY AIRPORT AMO | AUSTRALIA |
| 16757 | C | SITIA | GREECE | 23804 | CT | SYKTYVKAR | RUSSIAN FEDERATION |
| 17090 | C | SIVAS | TURKEY | 41891 | C | SYLHET | BANGLADESH |
| 62417 | C | SIWA | EGYPT | 89532 | CT | SYOWA | JAPAN |
| 60355 | C | SKIKDA | ALGERIA | 72519 | C | SYRACUSE/HANCOCK, | USA |
| 13588 | C | SKOPJE-ZAJCEV RID | MACEDONIA | 12205 | C | SZCZECIN | POLAND |
| 16684 | C | SKYROS (AIRPORT) | GREECE | 12982 | CT | SZEGED | HUNGARY |
| 71069 | C | SLAVE LAKE A, ALTA | CANADA | 12812 | C | SZOMBATHELY | HUNGARY |
| 11903 | C | SLIAC | SLOVAKIA | 40706 | CT | TABRIZ | IRAN, ISLAMIC REP |

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| 84782 | C | TACNA | PERU | 03100 | C | TIREE | U KINGDOM |
| 34720 | C | TAGANROG | RUSSIAN FEDERATION | 60395 | C | TIZI-OUZOU | ALGERIA |
| 91938 | CT | TAHITI-FAAA | FRENCH POLY. | 76683 | C | TLAXCALA, TLAX. | MEXICO |
| 35406 | C | TAIPAK | KAZAKHSTAN | 60531 | C | TLEMCEN-ZENATA | ALGERIA |
| 25932 | C | TAJGONOS | RUSSIAN FEDERATION | 67095 | C | TOAMASINA | MADAGASCAR |
| 47891 | C | TAKAMATSU | JAPAN | 28275 | C | TOBOL'SK | RUSSIAN FEDERATION |
| 70251 | C | TALKEETNA | USA | 31137 | C | TOKO | RUSSIAN FEDERATION |
| 38413 | C | TAMDY | UZBEKISTAN | 08272 | C | TOLEDO | SPAIN |
| 16699 | C | TANAGRA (AIRPORT) | GREECE | 24671 | C | TOMPO | RUSSIAN FEDERATION |
| 67197 | C | TAOLAGNARO | MADAGASCAR | 06011 | CT | TORSHAVN | DENMARK AND FAROE I |
| 76903 | C | TAPACHULA, CHIS | MEXICO | 44225 | C | TOSONTSENGEL | MONGOLIA |
| 07621 | C | TARBES-OSSUN | FRANCE | 27051 | C | TOT'MA | RUSSIAN FEDERATION |
| 04360 | CT | TASIILAQ (AMMASSALIK) | GREENLAND | 07240 | C | TOURS | FRANCE |
| 47646 | T | TATENO | JAPAN | 94294 | CT | TOWNSVILLE AERO | AUSTRALIA |
| 82683 | C | TAUA | BRAZIL | 60760 | T | TOZEUR | TUNISIA |
| 96481 | CT | TAWAU | MALAYSIA | 07145 | C | TRAPPES | FRANCE |
| 98427 | C | TAYABAS | PHILIPPINES | 86500 | C | TREINTA Y TRES | URUGUAY |
| 62259 | C | TAZERBO | LIBYAN ARAB JAMAHIR | 10609 | C | TRIER-PETRISBERG | GERMANY |
| 37545 | C | TBILISI | GEORGIA | 23711 | C | TROICKO-PECHERSKOE | RUSSIAN FEDERATION |
| 64507 | C | TCHIBANGA | GABON | 26997 | C | TRUBCHEVSK | RUSSIAN FEDERATION |
| 60475 | C | TEBESSA | ALGERIA | 44282 | C | TSETSERLEG | MONGOLIA |
| 24967 | C | TEGYULTYA | RUSSIAN FEDERATION | 44347 | C | TSOGT-OVOO | MONGOLIA |
| 40754 | CT | TEHRAN-MEHRABAD | IRAN, ISLAMIC REP | 91954 | CT | TUBUAI | FRENCH POLY. |
| 78706 | C | TELA | HONDURAS | 72274 | C | TUCSON/INT., AZ. | USA |
| 35426 | C | TEMIR | KAZAKHSTAN | 98233 | C | TUGUEGARAO | PHILIPPINES |
| 60018 | T | TENERIFE-GUIMAR | SPAIN | 40215 | C | TULKARM | OTHER STATIONS IN R |
| 83492 | C | TEOFILO OTONI | BRAZIL | 80453 | C | TUMEREMO | VENEZUELA |
| 76373 | C | TEPEHUANES, DGO. | MEXICO | 60715 | CT | TUNIS-CARTHAGE | TUNISIA |
| 82578 | C | TERESINA | BRAZIL | 24507 | CT | TURA | RUSSIAN FEDERATION |
| 61202 | CT | TESSALIT | MALI | 76640 | C | TUXPAN.VER. | MEXICO |
| 60318 | C | TETUAN/SANIA RAMEL | MOROCCO | 16759 | C | TYMBAKION (AIRPORT) | GREECE |
| 94570 | C | TEWANTIN RSL PARK | AUSTRALIA | 83786 | C | UBATUBA | BRAZIL |
| 48840 | C | THANH HOA | VIET NAM | 48407 | T | UBON RATCHATHANI | THAILAND |
| 16622 | C | THESSALONIKI (AIRPORT) | GREECE | 16044 | T | UDINE/CAMPOFORMIDO | ITALY |
| 16744 | C | THIRA (AIRPORT) | GREECE | 48354 | C | UDON THANI | THAILAND |
| 71079 | C | THOMPSON | CANADA | 91652 | C | UDU POINT AWS | FIJI |
| 41314 | C | THUMRAIT | OMAN | 28722 | C | UFA-DIOMA | RUSSIAN FEDERATION |
| 60511 | C | TIARET | ALGERIA | 35416 | C | UIL | KAZAKHSTAN |
| 94485 | C | TIBOOBURRA POST OFFICE | AUSTRALIA | 97180 | CT | UJUNG PANDANG/HASANUDDIN | INDONESIA |
| 61450 | C | TIDJIKJA | MAURITANIA | 44212 | CT | ULAANGOM | MONGOLIA |
| 21824 | T | TIKSI | RUSSIAN FEDERATION | 44214 | C | ULGI | MONGOLIA |
| 61036 | C | TILLABERY | NIGER | 44272 | C | ULIASTAI | MONGOLIA |
| 02365 | T | TIMRA/MIDLANDA | SWEDEN | 47115 | C | ULLEUNGDO | REP. KOREA |
| 60656 | CT | TINDOUF | ALGERIA | 10838 | C | ULM | GERMANY |

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| 33587 | C | UMAN' | UKRAINE | 71199 | C | WATSON LAKE (AUT), YT | CANADA |
| 44304 | C | UNDERKHAAN | MONGOLIA | 10688 | C | WEIDEN | GERMANY |
| 68424 | CT | UPINGTON | SOUTH AFRICA | 10980 | C | WENDELSTEIN | GERMANY |
| 72501 | T | UPTON, NY. | USA | 10055 | C | WESTERMARKELSDORF | GERMANY |
| 35108 | C | URALSK | KAZAKHSTAN | 92004 | C | WEWAK W.O. | PAPUA N GUINEA |
| 38396 | C | URGENCH | UZBEKISTAN | 93112 | T | WHENUAPAI | N ZEALAND |
| 83927 | C | URUGUAIANA | BRAZIL | 71964 | CT | WHITEHORSE A, YT | CANADA |
| 17188 | C | USA | TURKEY | 72351 | C | WICHITA FALLS/SHEPS AFB/WICH | USA |
| 87938 | C | USHUAIA AERO | ARGENTINA | 61902 | T | WIDE AWAKE FIELD (ASCENSION | OCEAN ISLANDS |
| 23405 | C | UST-CIL'MA | RUSSIAN FEDERATION | 11035 | CT | WIEN/HOHE WARTE | AUSTRIA |
| 01403 | C | UTSIRA FYR | NORWAY | 72513 | C | WILKES-BARRE-SCRANTON, PA. | USA |
| 33631 | CT | UZHGOROD | UKRAINE | 68110 | CT | WINDHOEK | NAMIBIA |
| 61995 | T | VACOAS (MAURITIUS) | MAURITIUS | 10474 | C | WITTENBERG | GERMANY |
| 08284 | C | VALENCIA/AEROPUERTO | SPAIN | 12497 | C | WLODAWA | POLAND |
| 17170 | C | VAN | TURKEY | 47055 | C | WONSAN | DPR KOREA |
| 01098 | C | VARDØ | NORWAY | 94659 | CT | WOOMERA AERODROME | AUSTRALIA |
| 33038 | C | VASILEVICH | BELARUS | 70387 | C | WRANGELL | USA |
| 26554 | C | VERHNEDVINSK | BELARUS | 12424 | C | WROCLAW II | POLAND |
| 48112 | C | VICTORIA POINT | MYANMAR | 51463 | CT | WU LU MU QI | CHINA |
| 15502 | C | VIDIN | BULGARIA | 10655 | C | WUERZBURG | GERMANY |
| 48940 | C | VIENTIANE | LAO PDR | 57036 | C | XI'AN | CHINA |
| 08045 | C | VIGO/PEINADOR | SPAIN | 56571 | C | XICHANG | CHINA |
| 24641 | C | VILJUJSK | RUSSIAN FEDERATION | 85365 | C | YACUIBA | BOLIVIA |
| 33562 | C | VINNYTSIA | UKRAINE | 36064 | C | YAJLU | RUSSIAN FEDERATION |
| 85244 | C | VIRU-VIRU | BOLIVIA | 70361 | CT | YAKUTAT, AK | USA |
| 02590 | C | VISBY | SWEDEN | 33990 | C | YALTA | UKRAINE |
| 26666 | C | VITEBSK | BELARUS | 47588 | C | YAMAGATA | JAPAN |
| 31960 | C | VLADIVOSTOK | RUSSIAN FEDERATION | 23463 | C | YANOV-STAN | RUSSIAN FEDERATION |
| 06310 | C | VLISSINGEN | NETHERLANDS | 64950 | C | YAOUNDE | CAMEROON |
| 67017 | C | VOHEMAR | MADAGASCAR | 91413 | C | YAP, CAROLINE IS. | USA |
| 20982 | C | VOLOCHANKA | RUSSIAN FEDERATION | 37981 | C | YARDIMLI | AZERBAIJAN |
| 34122 | T | VORONEZ | RUSSIAN FEDERATION | 34866 | C | YASHKUL' | RUSSIAN FEDERATION |
| 89606 | C | VOSTOK | USSR | 40821 | T | YAZD | IRAN, ISLAMIC REP |
| 33777 | C | VOZNESENS'K | UKRAINE | 62008 | C | YEFREN | LIBYAN ARAB JAMAHIR |
| 22837 | C | VYTEGRA | RUSSIAN FEDERATION | 61877 | C | YELE | SIERRA LEONE |
| 72256 | C | WACO, MADISON-COOPER, | USA | 40439 | C | YENBO | SAUDI ARABIA |
| 03377 | C | WADDINGTON | U KINGDOM | 47168 | C | YEOSU | REP KOREA |
| 71049 | C | WAGER BAY (AUT), MAN | CANADA | 37789 | C | YEREVAN/YEREVAN-ARABKIR | ARMENIA |
| 97340 | C | WAINGAPU/MAU HAU | INDONESIA | 57461 | C | YICHANG | CHINA |
| 47600 | CT | WAJIMA | JAPAN | 53614 | CT | YINCHUAN | CHINA |
| 47401 | CT | WAKKANAI | JAPAN | 64900 | C | YOKO | CAMEROON |
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| 10544 | C | WASSERKUPPE | GERMANY | 78707 | C | YORO | HONDURAS |

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|-------|----|----------------------|---------------------|
| 72525 | C | YOUNGSTOWN, OH. | USA |
| 14430 | T | ZADAR RS | CROATIA |
| 14236 | C | ZAGREB/GRIC | CROATIA |
| 37575 | C | ZAKATALA | AZERBAIJAN |
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| 34601 | C | ZAPORIZHZHIA | UKRAINE |
| 08160 | C | ZARAGOZA/AEROPUERTO | SPAIN |
| 37404 | C | ZESTAFONT | GEORGIA |
| 34398 | C | ZHALPAKTAL | KAZAKHSTAN |
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Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some Stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

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